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EVERYTHING IN



SEEDS

1890

A. D. PERRY & CO'S TWENTIETH ANNUAL CATALOGUE OF

SEEDS, IMPLEMENTS, HARDWARE AND DRAIN TILE.

217 WARREN ST. SYRACUSE, N.Y.

A. PERRY
E. BELING

TWENTIETH ANNUAL

SEED CATALOGUE



OUR ERFURT CAULIFLOWER HAS NO SUPERIOR. IT IS
THE FINEST STRAIN IN AMERICA.

FROM

A. D. PERRY & CO.,

217 WARREN STREET,

SYRACUSE, N. Y.



A. D. PERRY & CO.'S

TWENTIETH ANNUAL CATALOGUE

— OF —

Flower, Field and Garden Seeds,

IMPLEMENTS, DRAIN TILE, &C.

CHOICE SEEDS

For Market Gardeners a Specialty.

217 WARREN STREET,

A. D. PERRY, {
F. H. EBELING. }

SYRACUSE, N. Y.



1890.

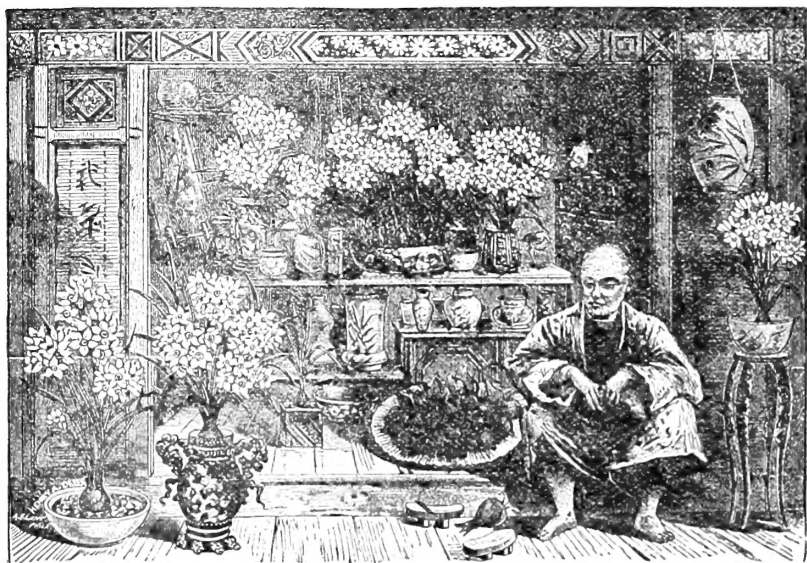


BULBS IN THEIR SEASON.

TULIPS HYACINTHS



NARCISSUS.
CROCUS and
Miscellaneous Hardy Bulbs



NARCISSUS.
CHINESE SACRED LILY

SEEDS BY MAIL.

To any part of the United States, 1 cent for every two ounces or fractional part of an ounce.
We guarantee the safe arrival of seeds at your postoffice if money is enclosed with order.

USEFUL TABLES.

Number of Plants Produced from One Ounce of Seed as Follows:

	Plants. about		Plants. about
Asparagus.....	500	Kale.....	2,000
Broccoli.....	2,000	Leek.....	1,000
Cabbage.....	3 000	Lettuce.....	3,000
Cauliflower.....	4,000	Pepper.....	2,000
Celery.....	4,000	Sage.....	1,000
Egg Plant.....	1,000	Tomato.....	3,000
Endive.....	3,000	Thyme.....	5,000

Number of Plants to the Acre at the following distances apart.

Distances apart.	No. of Plants to Acre.	Distances apart.	No. of Plants to Acre.
1 ft. by 1 ft.....	43,560	6 ft. by 6 ft.....	1,210
1½ " 1½ ".....	19,360	8 " 8 ".....	650
2 " 1 ".....	21,780	9 " 9 ".....	537
2 " 2 ".....	10,898	10 " 10 ".....	435
2½ " 2½ ".....	6,969	12 " 12 ".....	302
3 " 1 ".....	14,520	15 " 15 ".....	193
3 " 2 ".....	7,260	18 " 18 ".....	134
3 " 3 ".....	4,840	20 " 20 ".....	103
4 " 4 ".....	2,722	25 " 25 ".....	70
5 " 5 ".....	1,742	30 " 30 ".....	48

Quantity of Seeds required for a given number of Plants, or number of Hills, or length of Drills.

Asparagus.....	1 oz. to 60 ft. drill	Parsnip.....	1 oz. to 100 ft. drill
Beets.....	1 oz. to 50 ft. drill	Peas.....	1 qt. to 100 ft. drill
Beans, dwarf.....	1 qt. to 100 hills	Pumpkin.....	2 qts. per acre
Beans, pole.....	1 qt. to 150 hills	Radish.....	1 oz. to 100 ft. drill
Carrot.....	1 oz. to 150 ft. drill	Sage.....	1 oz. to 100 ft. drill
Cucumber.....	1 lb. per acre	Salsify or V. Oyster.....	1 oz. to 70 ft. drill
Corn.....	1 qt. to 400 hills	Spinach.....	1 oz. to 100 ft. drill
Watermelon.....	1 oz. to 30 hills	Squash, early.....	1 oz. to 50 hills
Muskmelon.....	1 oz. to 60 hills	Squash, Marrow.....	1 oz. to 16 hills
Onion.....	1 oz. to 100 ft. drill	Turnip.....	1 oz. to 150 ft. drill

TABLE.

Showing Quantity of Seed Usually
Sown to the Acre.

Herd's Grass or Timothy.....	¼ to ½ bush
Red Top.....	2 to 2½ bush
Red Clover.....	10 to 15 lbs
White Clover.....	6 to 10 lbs
Lucerne or Alfalfa.....	15 to 20 lbs
Yellow Sand Clover.....	10 to 15 lbs
Alfalfa Clover.....	5 to 10 lbs
Orchard Grass.....	2 bush
Blue Grass.....	2 bush
Sweet Vernal.....	1 to 1½ bush
Wheat.....	2 bush
Buckwheat.....	¾ to 1 bush
Carrot.....	2½ to 3 lbs
Beet.....	4 to 6 lbs
Parsnip.....	3 to 5 lbs
Onion.....	5 to 6 lbs
Turnip.....	1 lb
Beans.....	1 to 1½ bush
Peas.....	2½ to 3 bush
Oats.....	2 to 3 bush
Rye.....	1 to 2 bush
Millet.....	¾ to ¾ bush

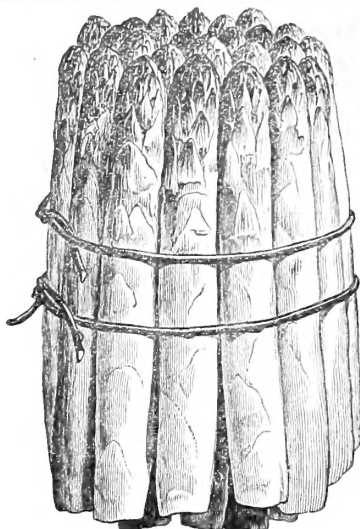
Showing Average Weight of Seed
Per Bushel.

Timothy.....	42 to 44 lbs
Red Top.....	14 lbs
Clover.....	60 lbs
Orchard Grass.....	14 lbs
Blue Grass.....	14 lbs
Pumpkin Seed.....	27 lbs
Beans.....	62 lbs
Peas.....	60 lbs
Flax Seed.....	56 lbs
Barley.....	48 lbs
Corn.....	56 to 60 lbs
Buckwheat.....	48 to 60 lbs
Rye.....	56 lbs
Millet.....	50 lbs
Hungarian.....	48 lbs
Sweet Corn.....	50 lbs
Wheat.....	60 lbs
Onion.....	56 lbs
Sweet Vernal.....	10 lbs
Carrot Seed.....	20 lbs
Radish Seed.....	48 lbs
Potatoes.....	62 lbs

Average Vitality of Seed, Based on Perfect Stock.

GOOD FOR ONE YEAR.—Leek, Onion, Parsnip.
GOOD FOR TWO YEARS.—Beans, Carrots, Egg-Plant, Orka, Peas, Pepper, Rhubarb, Sage, Salsify, Thyme.
GOOD FOR THREE YEARS.—Asparagus, Endive,

Lettuce, Parsley, Radish, Spinach.
GOOD FOR FOUR YEARS.—Broccoli, Cabbage, Cauliflower, Celery, Turnip.
GOOD FOR FIVE YEARS.—Beet, Cucumber, Melon, Pumpkin, Squash, Tomato.



ASPARAGUS.



DEWING'S BLOOD TURNIP BEET.



ECLIPSE BEET.

ASPARAGUS, Spargel.

Add Nine Cts. per Pound for Postage. All Vegetable
Seed per Package 5 Cents. Per oz Per lb.

Burr's Mammoth.....	10	\$1 00
Palmetto, "new" true stock.....	10	1 50
Conover's Clossal.....	10	50
Moore's Cross Bred.....	10	1 00
Roots per 100.....		\$1 00

BEET, Runkel Rabe.

Edmand's Ex. Early, dark blood Turnip.....	10	\$ 60
Lentz Ex. Early, new, blood Turnip..	10	1 00
Faust Early Crimson.....	10	1 00
Early Bastian's Beet.....	10	60
Eclipse Beet.....	10	60
Egyptian Turnip, extra early.....	10	50
Bassano, early.....	10	50
Dewing's Ex. early blood Turnip Beet	10	50
Red Scarcity.....	10	50
Improved Long Blood.....	10	50
Mammoth Long Red Mangel.....		30
White Sugar, Fred Knauer's variety.		40
Vilmorin's White Sugar Beet.....		60
Yellow Mammoth or Giant, new.....	10	60
Yellow Ovoid.....	10	30
Yellow Globe Mangel.....		30
Golden Tankard.....	10	50
Lane's Imperial Sugar.....	10	40
Norbiton Giant.....	10	40
Faber's Gate Post, new Mangel.....	10	60
Swiss Chard, for greens.....	10	60

BIRD SEED, Etc., Vogelsaamen.

Add 9 cents per pound by mail.

Cuttle Bone.....	per oz	05
Canary, best grades only.....	per lb.	10
Hemp, re-cleaned.....	"	10
Rape.....	"	10
Millet.....	"	10
Maw.....	"	25
Sliver Washed Gravel.....	per package	10
Mocking Bird Food.....	per bottle	35
Bird Song Restorer.....	per bottle	25

BEANS (Bush), Garten Bohne.

Add 15 cents per quart for Beans by mail.

	Per Quart.	
Ferry's Detroit Wax.....		\$0 40
Wardwell's Kidney Wax.....		40
White Wax.....		30
Black Wax, yellow pod.....		30
Golden Wax.....		40
Early Stanton.....		30
Low's Champion Bush Bean, new.....		40
Early Yellow, six weeks.....		20
Henderson's Bush Lima.....		1 00
Dwarf Horticultural.....		20
Improved Valentine.....		20
Mohawk, one of the earliest.....		20
China Red Eye.....		20
Improved Refugee, pickling bean.....		20
White Kidney.....		20
White Marrow.....		20
Boston Favorite.....		20

Price per bushel on application.

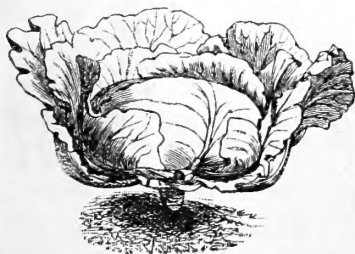
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BRUSSELS SPROUTS.



THE ERFURT CAULIFLOWER.



PREMIUM BRUNSWICK SHORT STEM.

BEANS (Pole or Runners), Bohne.*Per Quart.*

Dreer's Golden Cluster Wax.....	\$0 60
Black Wax, yellow pod.....	30
Giant Wax.....	50
Lazy Wife, Pole.....	25
Early Jersey Lima, "new".....	60
Washington Market Lima.....	60
Ford's Mammoth Pod Lima.....	1 50
Large White Lima.....	40
Sieva Lima, small.....	40
Platt's King of the Garden, Lima.....	50
Cranberry, Speckled or Goose Egg Bean...	30
Case Knife, white, flat, an excellent string or dry bean.....	30
Scarlet Runner.....	40
White Runner, fine shell beans.....	30
Brown Windsor.....	60

BORECOLE or Kale.*Per oz. Per lb.*

Green Curled Scotch or Sea Kale. \$0 10	\$1 00
Cabbage, brown or green..... 10	1 00

BROCCOLI, Spargel-Kohl.

Early, large (French).....	per oz. 30
South Hampton.....	per oz. 30

BRUSSELS SPROUTS,*Grüner Kopfkohl.**Per oz. Per lb.*

Dwarf, fine French.....	\$0 20	\$2 00
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BROOM CORN.

Evergreen.....	per bush \$4 00
Dwarf.....	4 00

CAULIFLOWER, Blumen-Kohl.*Per oz.*

Snowball, extra small leaf.....	\$2 00
Dwarf Erfurt, first quality, large with small leaf.....	2 00
Half Early Paris, large and fine heads.....	80
Lenormand's, extra large.....	80
Favorite.....	2 00

CABBAGE, Kopf-Kohl.

Our stock of Cabbage is selected from the best growers known to the trade.

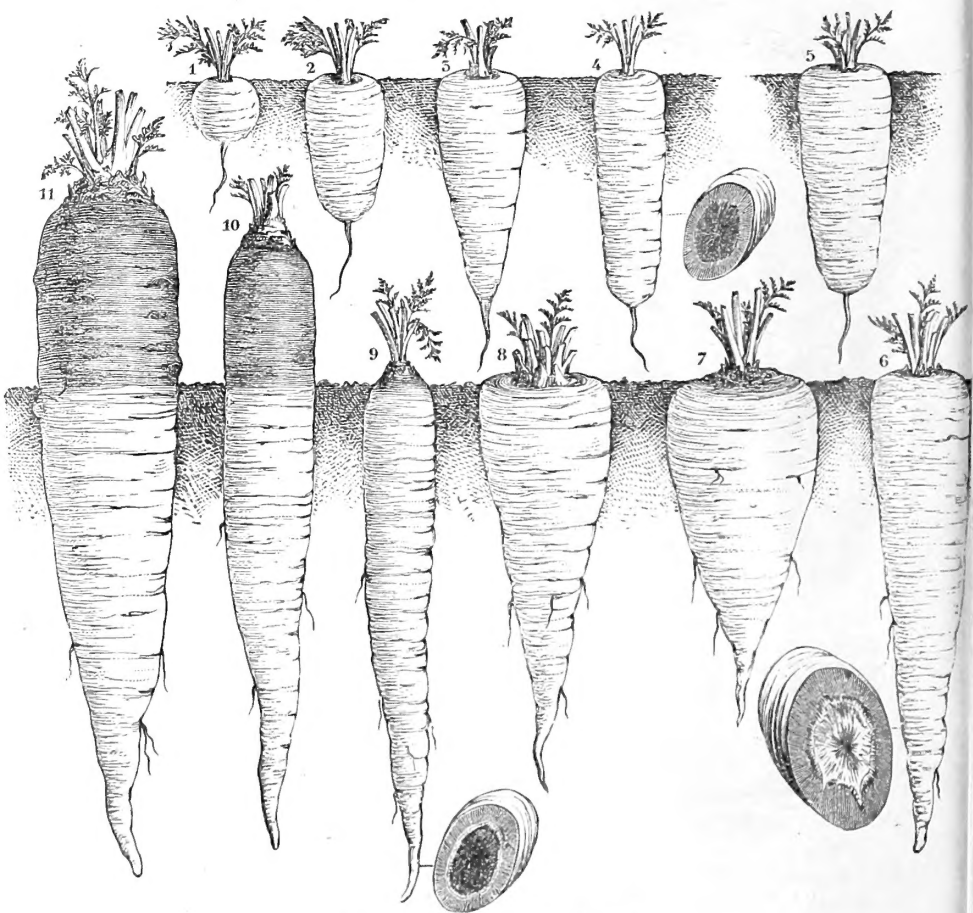
Per oz. Per lb.

Bleichfield, second early.....	\$0 30	\$3 00
Henderson, early summer.....	0 30	3 00
Winningsstadt, heads hard and early.....	0 20	1 50
Sure Head Cabbage.....	0 30	2 50
Gregory all season Cabbage.....	0 30	2 50
Very Early Paris Market.....	0 30	2 50
Early Jersey, Wakefield, first quality.....	0 30	3 00
Early Ox Heart, French.....	0 20	2 00
Peerless, new, early, very fine.....	0 30	4 00
Perry's Premium Brunswick, short stem, best early and late, extra stock.....	0 30	4 00
Fotler's Brunswick, American stock.....	0 20	2 00
Extra Flat Dutch, (American im- proved).....	0 20	2 00
Perry's Premium Flat Dutch, best in market.....	0 30	3 50
Drumhead, (American improved).....	0 20	2 00
Early, Dark Red, Pointed.....	0 20	2 00
Red Dutch, "Erfurt".....	0 20	3 00
Large Red Drumhead.....	0 20	3 00
Globe Savoy.....	0 25	2 50
Victoria Savoy.....	0 30	3 00
Dwarf Savoy.....	0 30	3 00
Stonemason Drumhead, winter.....	0 25	2 50
Marblehead, Mammoth.....	0 30	3 00
Bergen, large, very fine.....	0 30	3 00

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CARROTS, *Gelbe Rüben.*

No. 1.	Early Forcing, nearly round.....	\$0 10	\$1 00
" 2.	Early Horn.....	10	80
" 3.	Half Long Scarlet, pointed.....	10	80
" 4.	Half Long Nantes.....	10	80
" 5.	Half Long Stump.....	10	80
" 6.	Long Orange, improved, below ground.....	10	80
" 7.	Large White Vosges, for cattle.....	10	80
" 8.	Half Long Pointed, James' new.....	10	80
" 9.	Altringham, red for butter.....	40	1 00
" 10.	Long Orange, green top.....	10	75
" 11.	Large White Belgian, extra large.....	10	60
" 12.	Improved Danvers.....	10	80
" 13.	Luc Stump, New Half Long, short, thick.....	10	1 00
" 14.	Chantenay, New Half Long, large, best.....	10	1 00
" 15.	Wates Giant White Green Top, new.....	10	80



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CELERY, Seleri.

	Per oz.	Per lb.
Self-Blanching or White Plume.....	\$0 50	\$4 00
Golden Self-Blanching.....	50	6 00
Paris Golden Yellow, large, rib, new.....	60	
White Solid Giant Paschal, new, large ribbed.....	60	
White Giant, solid.....	20	2 00
Boston Market.....	30	3 00
Henderson's Dwarf.....	30	3 00
Dwarf Crimson.....	30	3 00
Red Giant.....	40	6 00
Perfection Heartwell.....	40	
Sandringham Dwarf, white.....	20	3 00
American Half Dwarf.....	30	3 00
Golden Heart Dwarf.....	40	3 00
Crawford's Half Dwarf.....	30	3 00
Celeriac, Root Celery.....	20	2 00
Soup.....	05	40

CHICCORY, Cichorie.

Improved, large leaves for Greens.....	10	1 00
Large rooted for Coffee.....	10	1 00

CORN, Korn.

Add 16 cents per quart by mail. Prices subject to change.

	Per qt.	Per bu.
Cory Corn, the earliest.....	30	3 00
Marblehead, extra early.....	20	3 00
Perry's Hybrid, large, early, 12-rowed.....	30	4 00
Extra Early Narragansett, Red Corn.....	20	3 00
Amber Cream.....	20	3 00
Livingston's Gold Coin, 12 rowed, Yellow, per package 10 Cts.; per qt. 65 Cts.		
Early Minnesota.....	20	3 00
Crosby Early.....	20	3 00
Ballard's Red Cob.....	30	4 00
Asylum, large, fine.....	20	3 00
Shaker's, large, early.....	20	4 00
P. & K., 12-rowed, early.....	20	4 00
Egyptian, large, late.....	20	4 00
Stowell's Evergreen, extra fine, true selected	20	4 00
Stowell's, for sowing, fine for cattle.....		1 50
Mexican Black.....	20	3 00
Hickox's Improved Sugar.....	20	4 00
Mammoth Sugar.....	20	4 00
Golden Tom Thumb Pop Corn, (per ear)....	5	
Rice Pop Corn.....		1 50
Silver Lace Pop Corn.....		1 50
Black Pop Corn, smooth kernel, (per ear).. Best varieties field corn. per lb. 2½c. on ear.	5	
Angel of Midnight Corn, earliest variety of yellow, 8 rowed corn on record.....		1 75
Eight Rowed White Field.....		1 50
Pride of the North.....		2 00
Leaming, early fodder corn.....		2 00
Our genuine "Sou" Fodder corn.....		1 25
Bushnell's Red Cob Ensilage.....		1 25

CORN SALAD, Ackersalat.

	Per oz.	Per lb.
Large Round Leaved.....	10	1 00
Small Seeded.....	10	1 00

CHERVIL, Gartenkerbel.

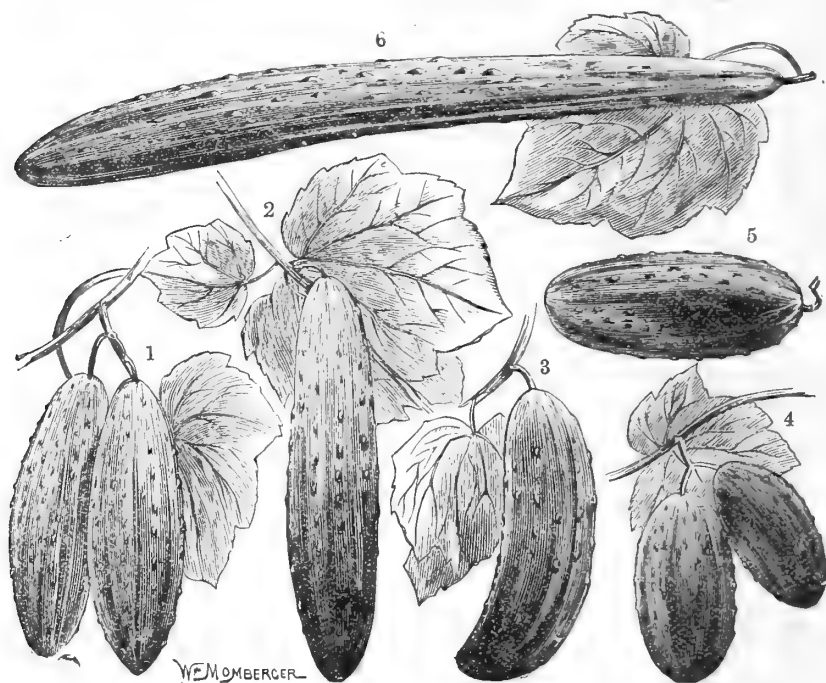
Curled.....	20	2 00
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CRESS OR PEPPERGRASS, Kresse.

Upland Cress, new, hardy, perennial. 10 cents per package.		
Cress, Garden Curled.....	10	1 00
Water Cress.....	20	1 50
Dwarf, Fine Curled.....	10	1 00

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GROUP OF CUCUMBERS.

No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 4, Early Russian; 5, White Spine; 6, Gen. Grant.

CUCUMBER, Gurke.

	PER OZ.	$\frac{1}{4}$ LB.	PER LB.
Snake, ornamental.....	\$0 40	.. ..	.. ..
Green Prolific.....	10	\$0 20	\$0 75
Early Russian, or B'n Net'd.....	10	20	75
Early Frame.....	10	20	75
Early Cluster.....	10	20	75
White Spine, very best, for general use, extra stock.....	10	20	75
Early Boston Market, extra.....	10	20	75
Extra Long, white spine, new.....	10	20	75
Long Green.....	10	20	75
London, or Extra Long Green.....	10	20	75
West India Gherkin.....	25	..	..



KOHl RABI.

EGG PLANT, Eierpflanze.

Large Purple Egg Plant.....	per oz.	\$0 20
New York Improved.....	"	40
Black Pekin.....	"	40

ENDIVES, Endivien.

Green Curled Winter.....	per oz.	20
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HONEY LOCUST.

For Hedges.....	per lb.	20
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GARLIC, Knoblauch.

Sets { Per oz.....	05
{ Per lb.....	80

KOHL RABI.

	PER OZ.	PER LB.
White, above ground.....	\$0 20	\$2 00
Purple, above ground.....	20	2 00

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LEEK, *Lauch*.

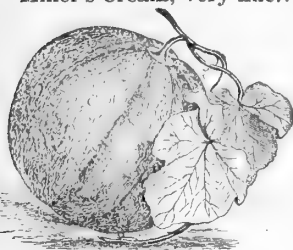
	PER OZ.	PER LB.
London, broad flags.....	\$0 20	\$2 00
Large Rouen.....	20	2 00

LETTUCE, *Salat*.

Oak Leaf, new.....	per package 10 cents.	
Hamilton Market Head.....	20	1 50
Lacinatus Beauregard, new, fine.....	40	
Chartier's, new.....	20	
Onondaga Market Garden.....	40	
Green Fringed, or Red Fringed.....	20	2 00
Boston Market.....	20	2 00
Boston Curled, fine for hot-bed.....	20	2 00
Early Curled Simpson.....	20	1 50
Early Curled Silesian.....	20	1 50
Our Forcing, new, white head.....	20	1 50
Golden Stone head.....	40	
Ice Drumhead.....	20	1 50
Hanson Head, excellent out-door sort.....	20	1 50
Batavia Brown Head.....	20	1 50
India or Prize Head.....	20	1 50
Tennis Ball, small, for family use, white and black seeded....	20	1 50
Golden Stone Head, small, for family use.....	40	4 00
White Cos.....	paper 5 cents.	
Hubbard's Market, new.....	40	
Deacon Head, new, very fine family lettuce.....	40	
Satisfaction.....	20	2 00

MUSK MELON, *Melone*.

Surprise, round, yellow fleshed, medium size.....	10	1 00
Miller's Cream, very fine.....	10	1 00



Emerald Green.....	10	1 00
Orange Christiana, "fine netted yellow flesh.....	10	1 00
Osage, large western.....	20	2 00
Pineapple.....	10	1 00
Nutmeg, fine netted, extra early green, rich and sweet.....	10	1 00
White Japan.....	10	1 00
Cassaba, pointed, thick fleshed....	10	1 00
Bay View, large, green fleshed, fine for a large melon.....	10	1 00
Large Nutmeg or Improved Cante- lope, very fine, for marketmen...	10	1 00

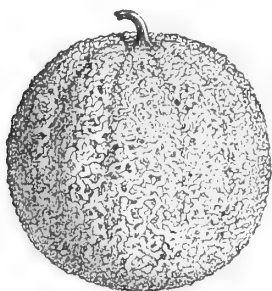
NEW SURPRISE MUSKMELON.

Pomegranate.....	40	
Montreal Market Musk.....	10	1 00
Hackensack.....	10	1 00

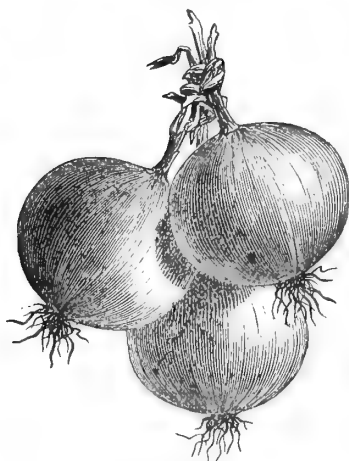
WATERMELON, *Wassermelone*.

The Gregg, "see novelties," per Package 15 cts., 2 Pkgs. 25 cts.		
Green and Gold, new, fine.....	10	1 00
Seminole, see cut.....	20	1 50
Cuban Queen Extra.....	10	1 00
Phinney's Early, red flesh and solid, very prolific.....	10	80
Haskell's Excelsior, large and solid to centre, extra quality....	10	1 00
Mountain Sweet, old favorite.....	10	80
Mountain Sprout.....	10	80
Black Spanish, round, dark green, with red flesh.....	10	80
Icings or Ice Cream, white seeded.....	10	80
Green Citron, for preserves.....	10	80
Scaly Bark, new, highly recommended.....	10	1 00
Kolb's Gem.....	10	1 00
Iron-clad.....	10	1 00
Georgie Rattlesnake.....	10	1 00

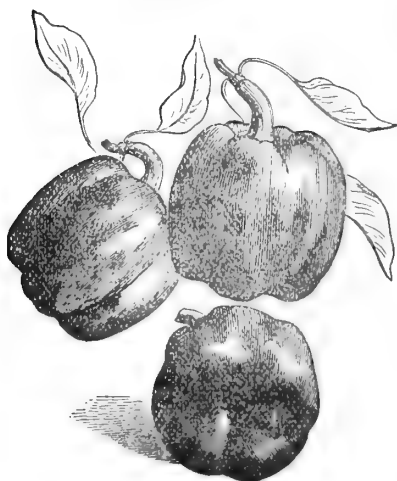
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SILKMAN'S NETTED.



WHITE GLOBE ONION.



BELL OR OX HEART.

MUSHROOM SPAWN.

Per Box..... \$1 00

MUSTARD, Senf.

	Oz.	Lb.
White.....	\$0 05	\$0 20
Brown.....		20

MARTYNIA.

	Oz.
Martynia Pickles.....	40c.

NASTURTIUM.

Tall, (see Flower seed).....	20c.
Dwarf.....	20c.

OKRA, or Gumbo, Essbarer.

Dwarf, white..... 10c.

ONION, Zwiebel.

Yellow Danvers Improved,		
best stock	0 10	1 25
Globe Danvers, best stock..	0 10	1 25
Early Red, extra early.....	0 10	1 50
Southport Red Globe.....	0 10	1 75
Large Red Wethersfield..	0 10	1 50
White Silverskin.....	0 20	2 50
Southport White Globe....	0 20	2 50
White Tripoli, novelty...	0 20	1 50
Giant Rocca.....	0 20	1 50
Mammoth Silver King "nov-		
elty"	0 20	....
New Queen, "novelty"....	0 20	....
Top Onion Sets.		
Bolton.		
Yellow.		
White		
Potato.		

} Market Price.

PARSLEY, Petersilie.

Champion Moss Curled.....	0 10	1 00
Fern Leaved.....	0 10	1 00

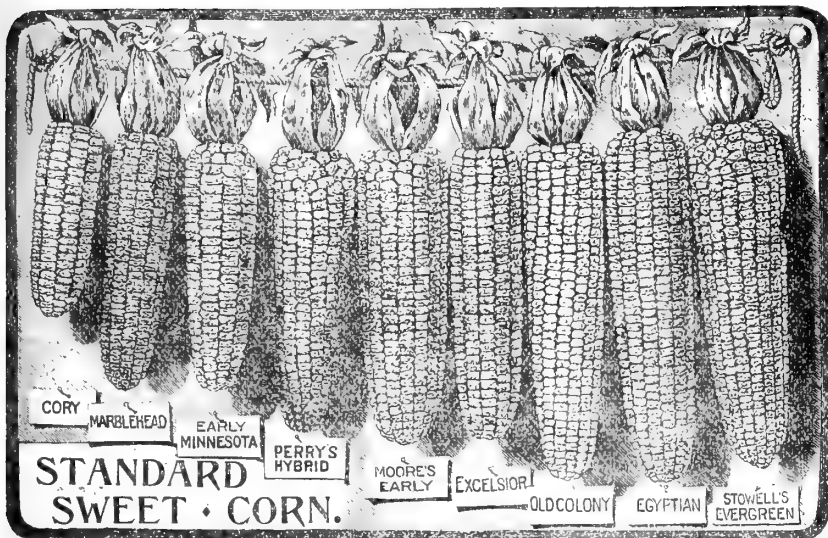
PARSNIP, Pastinake.

Long White.....	0 10	0 60
Hollow Crown, best for gen-		
eral use.....	0 10	0 60
Sutton's Student.....	0 10	0 60

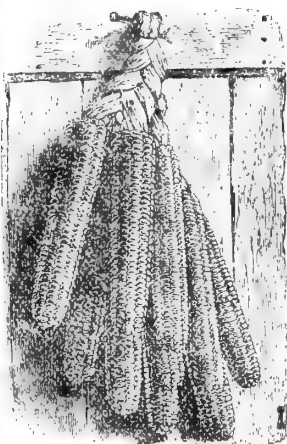
PEPPER, Pfeffer.

Chili, very small, for Pepper		
Sauce.....	0 25	3 00
Bell or Oxheart, rind thick,		
extra large.....	0 25	3 00
Ruby King, extra large.....	0 25	3 00
Cayenne.....	0 25	3 00
Mountain Sweet, used for		
stuffed pickles.....	0 25	3 00
Golden Dawn, yellow.....	0 25	3 00
Golden Green.....	0 25	3 00
Celestial, new, novelty.....	0 30	4 00
Red Cluster.....	0 25	3 00

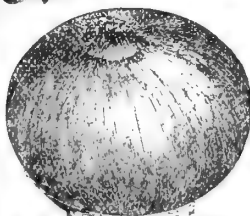
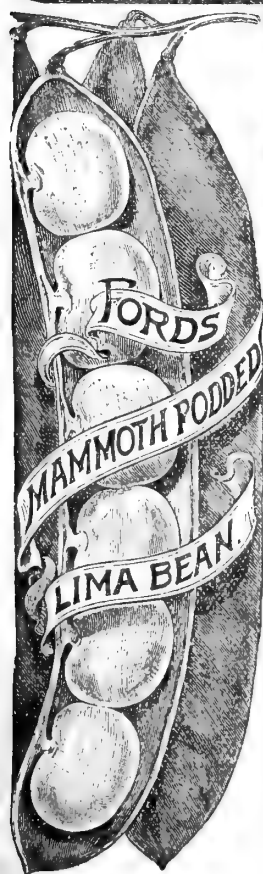
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Seed Field Corn.



CHOICE SELECTED



YELLOW GLOBE DANVERS



HENDERSON'S NEW BUSH LIMA BEAN.



PEAS, *Erbsen*.

EXTRA EARLY SORTS.

Wrinkled varieties marked thus.* Add 30 cents per quart by mail.

	Per qt.	Per bu.
Cleveland's Alaska.....	\$0 25	\$4 00
Rural New Yorker.....	25	3 00
Earliest of All.....	25	3 00
Kentish Invicta, early small.....	25	3 00
First and Best.....	25	3 00
Perry's Forty-two Day, the best extra early.....	25	2 50
Philadelphia Extra Early.....	25	3 00
Caractacus, extra early, three feet.....	25	3 00
Carter's First Crop, 2½ feet.....	25	3 00
Improved Daniel O'Rourke, 2½ feet.....	25	3 00

DWARF VARIETIES.

*Blue Peter, green, smooth, 1 foot.....	25	5 00
*Minimum, extra early, 9 inches.....	30	5 00
Tom Thumb, yellow, smooth, 8 inches.....	25	5 00
*Bliss' American Wonder, green, wrinkled, 1 foot.....	30	5 00
*Premium Gems, very early, very fine dwarf.....	30	4 50
*McLean's Little Gem, very fine, popular, 1 foot.....	25	4 50

SECOND EARLY AND LATE VARIETIES.

*Alpha, early, 3 feet.....	25	4 00
*Bliss, Abundance.....	30	6 00
*McLean's Advancers, true, long pods, fine quality, 2½ feet.....	25	3 00
*Champions, very fine, old favorite, 4 feet.....	25	3 00
*Horsfords, Market Garden, early.....	30	4 00
Pride of the Market.....	25	4 00
*Telephone, the finest Second Early Pea in the market, 3 feet...	30	4 00
*Yorkshire, Hero, large, wrinkled, late.....	25	3 00
*Telegraph, new, fine green, wrinkled, late, 3 feet.....	30	5 00
*Bliss, Everbearing, 3 feet.....	30	4 00
*Stratagem, 1 to 2 feet.....	30	6 00
*Forty-Fold, 3 feet.....	30	4 00
White Sugar, edible pods.....	40	8 00
Gray Sugar, edible pods.....	30	6 00
White Royal Dwarf Marrowfat, 2 feet.....	20	2 00
Black Eyes, hand picked, Canada.....	20	1 60
Black Eyes, home grown.....		1 50
Canada Field.....	1 10 to 1	25

POTATOES, *Kartoffel*.

Nathan Rose.....	} Price on Application.
Sunlit Star, extra early.....	
Vick's extra early.....	
Pearl of Savoy.....	
Beauty of Hebron.....	
Early Ohio.....	
Champion of England "Jumbo".....	
White Star.....	
Pride of the Valley.....	

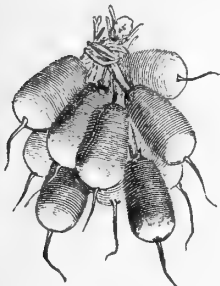
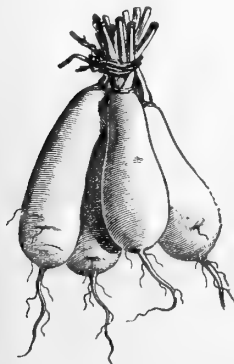
PUMPKIN SEEDS, *Kürbiss*.

	Per qt.	Per bu.
Connecticut Field.....	\$0 10	\$1 50
Cheese Pumpkin.....	60	
Cushaw Pumpkin, fine table.....	60	
Mammoth Tour.....	60	
Mammoth King.....		

Bei uns wird Deutsch gesprochen.

RADISH, Radieschen.*Our Radish Seed is the very best French Stock.*

	Oz.	½ lb.	Lb.
Early Deep Scarlet Turnip, white tipped.....	10	20	70
Early Deep Scarlet Turnip, forcing, new.....	10	20	70
Early White Box, or Turnip.....	10	20	70
Early Deep Scarlet, Olive shape, small top.....	10	20	70
White Olive Shaped or Newcome.....	10	20	70
Yellow Turnip, new.....	10	20	70
French Breakfast, white tipped.....	10	20	70
White Giant Stuttgart, summer.....	10	20	70
Short Top Scarlet, long, wood frame.....	10	20	70
Scarlet Chinese Rose Winter, fall variety.....	10	20	70
Long Black Spanish, winter.....	10	20	70
White Giant Spanish, winter.....	10	20	80
Gray Long, winter.....	10	20	75
California Mammoth White.....	10	20	80
White Strasburg or Hospital.....	10	20	80
White Russian, very large.....	10	20	80

**DEEP SCARLET TURNIP RADISH.
SMALL TOP. NEW.****DEEP SCARLET TURNIP, WHITE
TIPPED. NEW.****FRENCH BREAKFAST RADISH.****CHINESE ROSE WINTER RADISH.****SALSIFY, Bocksbart.**

	Per oz.	Per lb.
Or Vegetable Oyster	\$0 10	\$1 00
Mammoth Sandwich Island, new....	10	1 25

SORREL.

Large Leaved French.. ..	10	1 50
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SPINACH, Spinat.

Prickly, fall, extra large.....	5	35
Round Leaf, Spring, Viroflay.....	5	35
New Zealand.....	5	35
Flanders, large leaf.....	5	35
Bloomsdale.....	5	35
Savoy Leaved.....	5	35
Long Standing.....	5	35

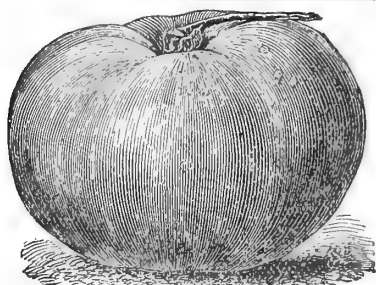
SQUASH, Kürbiss.

Golden Bush Scollop.....	10	80
Perfect Gem.....	10	1 00
Early Scollop, white.....	10	80
Early Crook-neck, bush.....	10	80
Hubbard, winter, extra stock, good keeper.....	10	80
Boston Marrow, old variety, fall....	10	80
Butman, nearly like Hubbard.....	10	80
Turban, excellent fall.....	10	80
New Essex Hybrid, fine flavor.....	10	80
Marblehead, like Butman.....	10	80
Brazilian, new, excellent, green or ripe	10	80
Mammoth Chili.....	20	1 00
Pineapple, new.....	20	1 00
Pikes Peak or Sibley Squash.....	20	1 00
Winter Crook-neck.....	20	1 00
Fordhook Squash, new, Packets 25 c.		

TOBACCO SEED, Tobak Saamen.

Connecticut.....	40	4 00
Primus, new, very hardy, from Virginia.....	2 00	
Wilson's Hybrid Seed, sealed packages.....	1 00	
Haynes, sealed packages.....	1 00	
Eureka.....	1 00	

Bei uns wird Deutsch gesprochen.



SCOVILLE'S HYBRID.

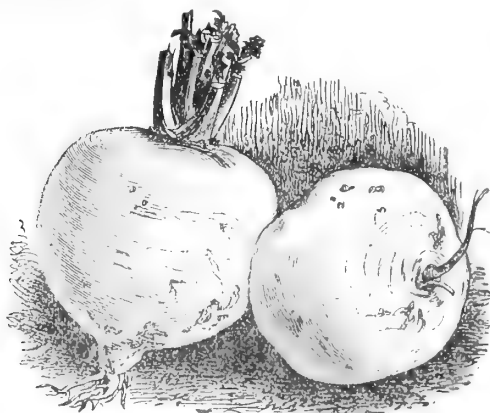
Paragon.....		
Perfection.....		
Strawberry or Ground Cherry.....	5c. paper.	
Yellow Plum.....	5c. paper.	
Purple Husks.....	5c. paper.	

TOMATO, Liebesapfel.

	Per oz.	Per lb.
Prelude Extra Early, new.....	\$0 40	\$4 00
Canada Victor.....	0 20	2 00
Dwarf Champion.....	0 40	4 00
Scovill's Hybrid, new, (see cut), per paper 5 cents.....	0 50	
Livingston's Beauty, per paper 5 cts..	0 30	2 00
Mayflower.....	0 30	
Livingston's Favorite, early, finest market.....	0 30	2 00
Climax, extra quality.....	0 30	2 00
Acme, true, extra stock.....	0 20	2 00
Lorrillard.....	0 40	4 00
Cardinal.....	0 20	2 00
Golden Trophy.....	0 20	2 00
Low's Essex Hybrid.....	0 20	3 00
Trophy, large and solid, true.....	0 20	3 00
Hathaway's Excelsior.....	0 20	3 00
	0 20	3 00
	0 20	3 00

TURNIP, Steckrübe.

Purple Top, flat strap leaf.....	0 10	0 50
Mammoth Purple Top Globe.....	0 10	0 50
Golden Ball, or Orange Jelly.....	0 10	0 50
White Norfolk, large, fine summer, globe shape.....	0 10	0 50
Early Stone.....	0 10	0 50
Long Green Tankard.....	0 10	0 50
White Dutch.....	0 10	0 50
Yellow Aberdeen.....	0 10	0 50
White Sweet Waldo, one of the finest Rutabaga.....	0 10	0 80
Skirving's Rutabaga, purple top.....	0 10	0 80
Carter's Improved Swede Yellow.....	0 10	0 80
Lang's Improved Swede.....	0 10	0 80



LARGE WHITE GLOBE TURNIP.



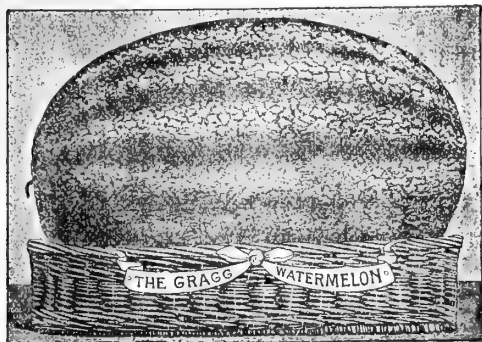
EARLY STONE TURNIP.

SWEET HERBS.

Sage, English.....	\$0 05	\$2 00
Rue.....	05	paper.
Balm.....	05	"
Sweet Marjoram.....	05	"
Summer Savory.....	05	"
Ro-emary.....	05	"
Lavender.....	05	"
Thyme.....	05	"
Sweet Fennel.....	05	"
Saffron.....	06	"
Caraway.....	05	" 50
Dill.....	05	"
Borage.....	05	"
Rhubarb Victoria.....	25	oz.

Bei uns wird Deutsch gesprochen.

THE NEW GRAGG WATERMELON.



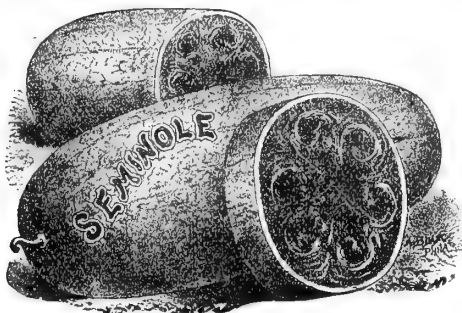
Mr. J. C. Robinson, the celebrated vine-grower of Nebraska, says of the Gragg:

"The melon is as much of a novelty as Green and Gold, but is far superior to it in every respect. Both outside and inside appearance are very distinct and handsome, and the quality as sweet and melting as ice-cream. I have eaten melons from my trial patch at different times during the past five weeks, and find they continue good throughout the season. My candid opinion is that the melon is an acquisition. It is very early, very prolific and hardy."

Retail Prices.

Per Packet.....	15 cts.
Two Packets.....	25 "
Ten "	\$1 00

NEW MELON "SEMINOLE."



This new melon is desirable for early use, very fine flavor, solid, juicy and crisp. Price 5 cents per Paper, 20 cents per oz., \$1.50 a pound.

MUSHROOM SPAWN.

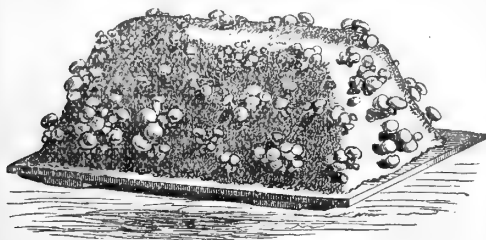
Champignon Brot, German.

CULTURE.—Any one in possession of an outhouse or cellar, and who can command a temperature of from 50 to 60 degrees, may at any time secure a good supply of mushrooms. The best method is to procure (fresh from the stable) as much short manure as is necessary to make a bed from 14 to 18 inches deep, and any size the house can conveniently hold, throw the manure into a heap for a few days until it becomes heated, and the greater part of the moisture is thrown off; then spread it out for a day or two until dry and quite cool; after which, put it again in a heap, and allow it to remain 5 or 6 days; it will then be fit to make a bed, which must not be

Champignon, French.

deeper than stated above. As soon as the heat is about 74 degrees, the bed is ready to receive the spawn. It requires to be broken in pieces about the size of a large walnut, and placed in the manure about 2 inches below the surface, and 6 inches apart. The bed should then be covered about 2 inches deep with light soil, and pressed down evenly. If the temperature is right, the mushrooms will make their appearance in from 4 to 6 weeks, according to the season. After the bed has been spawned do not water unless quite dry, and, when necessary, use luke warm water only.

French Spawn, In 3 lb. boxes, \$1.00.



MUSHROOM BED.

Corn for Fodder, Ensilage, &c.



The history of "Sou" Fodder Corn has been written up so often that it is unnecessary to give any lengthy space here. Its merits are well known, and our Stock this Season is first-class. Price as low as the lowest.

LEAMING CORN.

This popular and distinct variety of yellow dent corn certainly has, beyond question, reached the grandest success of any yellow dent corn that has ever been brought before the American public. It was brought to its present high standard by thirty years systematic selection, by Mr. J. S. Leaming, of Southern Ohio. This corn is too well known to enter into a detailed description of its merits here, suffice it to say: That it is a very uniform, medium-sized, very early, (maturing in 90 to 115 days), very heavy, long eared corn, with stalk growing medium-tall, and very thick and strong. The LEAMING, PRIDE OF THE NORTH. FAVORITE DENT and NINETY DAY YELLOW DENT, are all from the same original stock, but the care with which the LEAMING has been selected places it *first in favor with the farmers*. For *Ensilage* this is one of the very best varieties.

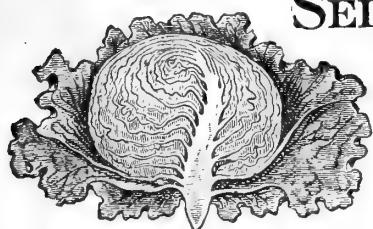
BUSHNELL'S RED COB ENSILAGE CORN.



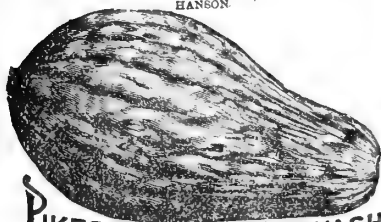
Is fast making a reputation for itself. It has been grown in this section for many years, but formerly under very unfavorable circumstances. It was then shipped in here by the car load as it came from the western farmer, full of cobs and dirt, but now it is handled with the greatest care, every car is tested as to germinating qualities. It is re-cleaned carefully and bagged, only the very best quality receives this brand, "i. e., Red Cob Ensilage Trade Mark." Ninety-five per cent is guaranteed to germinate under test, so you are perfectly safe in buying this excellent variety of Ensilage Corn of us. We expect to keep stock for our wholesale and retail trade. We suggest

however, that you place your order early, so we can lay stock aside for you. The price will be right every time. Write for circulars if not enclosed.

SELECTED VEGETABLES.



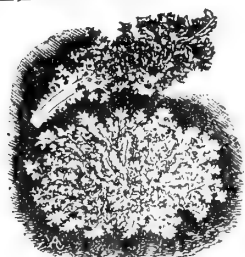
HANSON



PIKE'S PEAK (OR SIBLEY) SQUASH



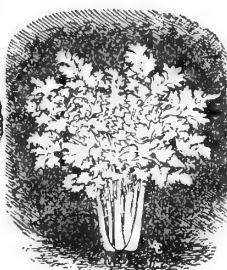
DANVERS.



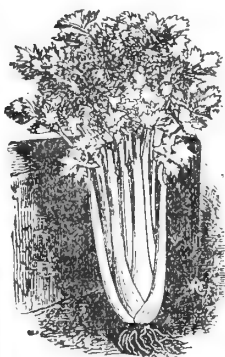
ENDIVE.



IMPROVED AMERICAN DRUMHEAD SAVOY.



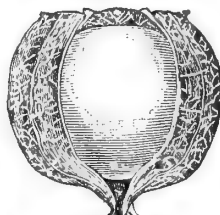
White Plume



Paris golden



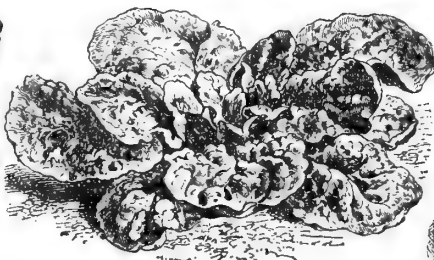
LACINATED, DEAUREGARD.



STRAWBERRY
TOMATO.



SWISS CHARD.



Spinage Lettuce-leaved



This Page is Important to Farmers.

OUR GRASSES AND FIELD SEEDS ARE SELECTED WITH CARE,
TO HAVE EVERYTHING RELIABLE AND PURE.

GRASSES, &C.

	Per lb.	Per bu
Johnson Grass, <i>Sorghum Halapense</i> , "new".....	\$0 20	\$3 00
Creeping Bent Grass, <i>Agrostis Stolonifera</i>	20	3 00
Red Top Grass, <i>Agrostis Vulgaris</i>	10	1 25
Crested Dogstail, <i>Cynosurus Christatus</i>	60	
Orchard Grass, <i>Dactylis Glomerata</i>		
German Millet.....		
Common Millet.....		
Hungarian Grass.....		
Timothy, <i>Phleum Pratense</i>		
Italian Rye Grass, <i>Lolium Italicum</i> , (first quality).....		3 50
English Rye Grass, <i>Lolium Perenne</i> , (first quality).....		3 50
Rye Grass, English, Pacey's, very fine and short, extra quality for lawns.....		4 00
Wood Hare Grass, <i>Alopecurus Fluviosus</i>	60	
Extra Clean Blue Grass <i>Poa Pratensis</i>	10	1 25
Kentucky Blue Fancy, <i>Poa Pratensis</i>	20	
Hard Fescue, <i>F. Divaricata</i>	25	
Meadow Grass, <i>Poa Nemoralis</i>	40	
Sweet-Scented Vernal Grass, <i>Anthoxanthum Odoratum</i>	30	
Fine Mixed Grass Seeds for lawns.....	30	pr.qt. 25
Fine French Lawn Grass Seeds.....	30	pr.qt. 25
Alfalfa, fine for soiling.....		
Red Clover.....		
Red Peavine or Mammoth.....		
White Dutch, best imported.....		
Alsike or Swedish, best York State.....		
Lucerne.....		

Market Price.

Market Price.

MISCELLANEOUS.

Spring Rye.....		1 50
Widewake Oats, "new," very fine.....		60
Welcome Oats.....		60
Probst and White Shonen Oats.....		60
New German Barley.....		80
Silver Hull Buckwheat, very desirable.....		1 00
Japanese Buckwheat, "new".....		1 25
Vetches or Tares.....		3 00
"Sou" or Southern Fodder Corn.....	market price or	1 25
Mammoth Ensilage, very desirable for soiling.....		1 25
Bushnell's Red Cob Ensilage.....		1 25
Angel of Midnight, field corn.....		
Field Yellow Corn, Red Tipped.....		
Field White Corn, eight rowed.....		
Rice Parching Corn.....	Market Price.	
Silver Lace Corn.....		
Golden Tom Thumb Pop-Corn.....		
Grain Bags always in stock.....		
Early Minnesota Amber Cane.....		
Sunflower Seeds, large Russian.....	per quart, 10c.	10
Flax Seed.....		
Plant Food, our own putting up.....	per package, 25c.	2 00
Gishurt's Compound, for destroying red spiders, etc.....		50
Peruvian Guano.....	per 100 lbs. \$3.00,	
Lawn Dressing.....	10 lb. sack, 50c.	
Oyster Shell, ground or granulated (see 3d page of cover).....		
Cracked Bone, deodorized, (see 3d page of cover).....		
Animal Meal for Poultry, (see 3d page of cover).....		
Wire Netting for Chicken Coops and Yards, per square foot, 1½c.....		
VEGETABLE PLANTS in their season. Cabbage, Cauliflower, Pepper and Tomato		
Plants at market price.		
FERTILIZERS at market price.		
Oil Meal always in stock, at lowest market price.		
Nest Eggs, China and Medicated. Egg Food of very best quality.		

Silver Hull Buckwheat.

This variety of Buckwheat is not new, but from its first introduction has been a favorite. The kernels are almost round, well filled, hanging in clusters from the stalks, producing a beautiful silvery appearance in any position you may view them,—when ground it makes an excellent flour. I doubt whether there is a more profitable variety for our farmers to grow. One-fourth to one-half bushel of seed is a plenty per acre. We are in shape to book orders for the trade at a very low price.

The Japanese Buckwheat

Introduced about four years ago and boomed from the first. Said to be a wonderful variety and has no doubt become a favorite South, mainly on account of its being a coarse variety and standing the dry, hot weather. As a flouring grain we do not consider it equal to the Silver Hull. We are prepared to fill orders for the seed at a very much reduced price from last season.

THE

WIDE-AWAKE OATS

Three years ago sold at \$4.00 per bushel, now the price is the same as other seed oats. There is no discount on the quality of this variety. They take first place with every farmer who tries them. They are extra early, pure, white, strong stalks and a fine shaped kernel. Try them, they will please you.

We offer for sale the **WHITE SHONEN** and **PROBSTIER OATS**, very fine old sorts.



AMBER CANE.

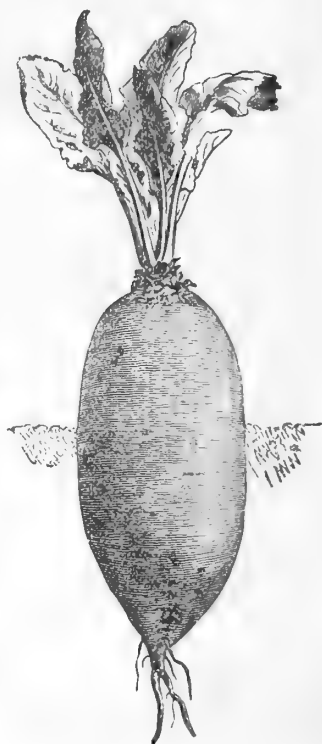
Early Amber Cane seed is being used quite extensively for soiling. It is rich in saccharine matter and a wonderful milk producer. Cows are very fond of it. One-fourth to one-half bushel of seed is enough for one acre, price about \$2.00 per bushel.

Mangels for Stock.

For stock that do not have Ensilage in winter, Roots are indispensable. The most desirable varieties are those which will yield the most and be of equal quality. We have two new sorts to offer this season that came from Europe very highly recommended. They are the

GIANT YELLOW INTERMEDIATE AND TABERS GATE-POST.

They are the largest and most solid of all the mangels. We would recommend a trial of these new varieties. We have also a fine Stock of Seed from the Mammoth Red mangel, Golden Tankard and Yellow Ovoid. Special price in quantities.

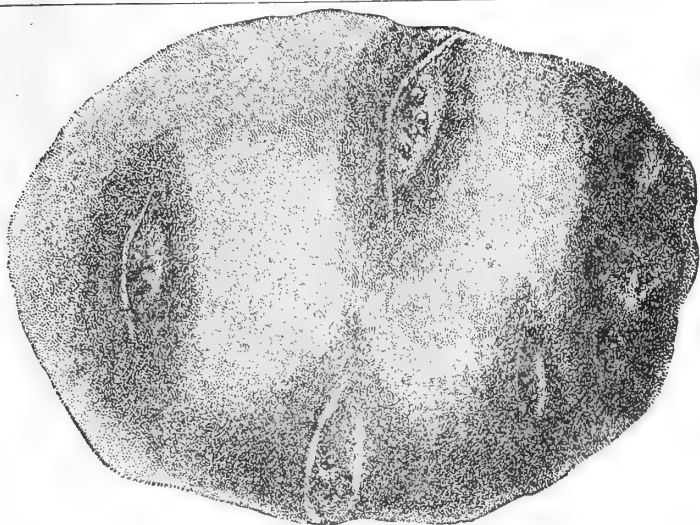


Carrots for Stock.

Many of our best farmers are growing carrots for stock, some of them sowing as high as 100 lbs. of seed. The value of carrots for feed has not yet been fully appreciated and if our American farmers were thoroughly posted the acreage would be doubled in this country. There are several valuable varieties now in use. Among those most used are the **WHITE VOSGES**, a half or two-thirds long, very thick and heavy, of fine quality. Also the **MAMMOTH YELLOW GREENTOP** and **WHITE BELGIUM**. These are all extra large varieties. We have several smaller varieties and will make you special price on large quantities. For shape etc., see our carrot page.

DISCLAIMER ON SEEDS.

We exercise the greatest care to have all Seeds pure and reliable. We do not give any warranty express or implied. If the purchaser does not accept the Seeds on these terms and conditions, they must be returned at once, and the money that has been paid for same will be refunded.



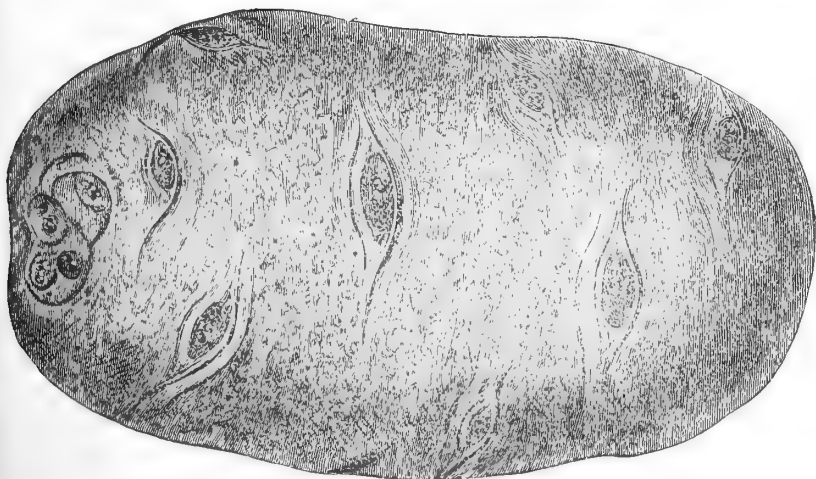
EARLY OHIO.

The Early Ohio Potato

seems to be the favorite with our market-men.

We have other Varieties that will yield more, but

we fail to find any sorts that will produce as many merchantable potatoes **as early as The Ohio**. This is the Standard early potato to-day, as much as the Early Rose was ten years ago, and in order to supply the demand we have grown for us large quantities of this sort for our gardeners trade. We have them grown on sand and muck and keep them separately, in order to secure for our customers the advantage of a change of soil. In order to secure the best stock it is quite necessary that you place your order early. Price will be slightly in advance of market potatoes.



THE NATHAN ROSE.

OUR NATHAN ROSE POTATO

holds its place among Standard Second Early Sorts and as a market potato has no superior.

The shape is beautiful, its flavor and quality excellent, the yield is enormous. The price this season will place them within reach of every farmer, and will be only slightly in advance of market price.

Horticultural and Gardeners' Small Tools,

KEY TO OPPOSITE PAGE.

No.		Price.
1	Solid Shank Hoe, price.....	\$0 30
2	Notched Scuffle Hoe.....	1 00
3	Narrow Hoe and Rake combined.....	50
4	Socket Common Hoe.....	35
5	Trowel Shape Weeding Hoe.....	75
6	Onion Hoe, "double end".....	50
7	Hoe and Rake, several sizes.....	40 to 80
8	Potato ^o Hook, several sizes.....	25 to 75
9	Secor Weeding Hook, very desirable.....	20
10	Large Plantation Hoe.....	75
11	Thistle Spud.....	50
12	Thistle and Plantation Spud for Lawns.....	50
13	Pruning Shears, we have an endless variety.....	40 to 1 50
14	Hedge Shears, several sizes.....	1 00 to 1 75
15	Sheep and Grass Shears, several sizes.....	1 00 to 1 75
16	Border Shears with Roller or without.....	2 50 to 4 00
17	Spud for pulling vegetables, etc.....	1 00
18	Patent English Weeder.....	25
10	" " Scuffle Hoe.....	30 to 50
20	Onion and Celery Plow Fire Fly.....	2 50
21	Tack Claws.....	15 to 25
22	Pruning and Wood Saws.....	50 to 1 50
23	Mattock, we have several styles.....	50 to 1 00
24	Transplanting Fork of Steel and Malleable.....	25 to 40
25	Wire Leaf Rake.....	60
26	Narrow Mattock.....	75
27	Tree Pruners, several styles.....	1 00 to 3 50
28	Steel Trowels, all grades.....	10 to 60
29	Flower Gatherer, of Malleable and Steel.....	50 to 1 00
30	Lang's Patent Weeder, very fine.....	25
31	Hand Seed Drill.....	2 50
32	Double Edged Pruning Saw.....	75
33	Bill Hook.....	1 00 to 1 50
34	Garden Line Reel.....	50
35	Grape and other Scissors, large assortment.....	25 to 1 00
36	English Lawn Rake, grass and leaves.....	75 to 1 25
37	Straight Edge Whittling and Pruning Knives.....	50 to 1 00
38-39-40	English Pruning Knives.....	50 to 1 00
41-42	Budding and Grafting Knives.....	50 to 1 00
43	Grafting Chisel.....	75 to 1 00
44	English Pruning Hook Knife.....	1 00
45	Dibble, or Dibber for transplanting.....	25
46	Border Knives, English and American make.....	60 to 1 25
47	Floral Sets of four pieces, boxed.....	50 to 75
49	Warren Hoe, quite practical.....	75
50	English and American Grass Hooks.....	25 to 50
51	Steel and Malleable Garden Rakes, all sizes.....	25 to 60
52	English and American Lawn and Grass Scythe.....	50 to 1 50
53	English and American Spades.....	60 to 1 35
54	Latest pattern Steel Garden Rakes.....	40 to 75
55	All styles of Shovels, large and small.....	25 to 1 00
56	Asparagus, Dock, Plantain and Weed Digger.....	80



SEED AND GRAIN TRYERS.

Large Taper Tryer, Steel Point, Nickled,	Price, \$1.25
Brass, "	1.50
Small Straight, "	.75

A LIBERAL DISCOUNT TO THE TRADE.

BEAUTIFUL LAWNS.

We have only to refer you to the **BEST LAWNS OF SYRACUSE** to show what we are doing to promote this good work in our midst. For years we have studied the nature of grasses, their adaptation to soils, the time of maturing, height, color, &c., with this object in view. We use in our mixture only grasses that harmonize in color and size, using both early and late varieties, that our lawns may remain green and beautiful all through the season. We have reached the goal in this line and we are sure there is no better mixture for lawns than ours. In the first place we intend to have our *Lawn Seed strictly pure*. We examine every variety under a glass before we mix them, that our lawn seed may be free from foul weeds. We use all fibrous rooted perennial grasses so that they will stand the drouth and close cutting with the lawn mower without killing. We select grasses that harmonize in size in order to produce a fine velvety appearance and form a thick covering on the ground.

The reputation of our Lawn Seed extends throughout the country, and it is now used in many of the cemeteries, parks, public and private grounds in the State, and is as staple as sugar. We put it up in quart packages with full directions for sowing on each package, or sell it in bulk as desired. If your groceryman does not keep it you can order it direct. Price per quart package 25 cents; per pound loose, 30 cents. One quart package will cover twenty feet square of new lawn.

LAWN FERTILIZER.

For a lawn fertilizer use **pure raw bone**. It will give the grass a dark green color, acting very quickly and not fill the lawn full of foul weeds as manure would surely do. If there are spots in your lawn where the grass dies out and has the appearance of the work of insects, use our Velvet Lawn dressing which contains tobacco and is a sure cure as well as an excellent fertilizer. The above is all that is necessary for a perfect lawn after the *ground is well prepared* which should be done as long before sowing as possible.

THE HOOSIER BROADCAST HAND SEED SOWER.

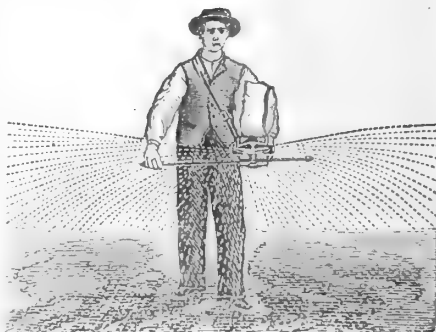
For Sowing Wheat, Rye, Buckwheat, Rice, Flax, Oats, Millet,
Grass Seed, &c., &c.

It will sow from four to eight acres per hour at a common walking gait.

The seed is not thrown upward, but distributed right and left evenly, and will save at least one-third the seed used in hand sowing. It is operated by a transverse motion of the bow, which revolves the distributor and works the vibrator rapidly. It is quickly adjusted to sow any quantity desired. The grain-sack holds one bushel. It is made strong, well finished, and weighs about six pounds.

At a round it will sow wheat fifty feet, oats thirty-six feet, buckwheat forty-eight feet, flax seed thirty-six feet, grass seeds from twenty-seven to thirty-six feet. It is the best machine ever invented for the purpose, and should be in the hands of every farmer.

Price, \$2.50



Our customers will please bear in mind that we will meet any prices given to strangers on same quality of goods.

THE EARLIEST TOMATO EXISTING.

HORSFORD'S PRELUDE.

Awarded a First-Class Certificate by the Royal Horticultural Society of London.



THE PRELUDE.

The London correspondent of *Garden and Forest* writes concerning this test: "Of the almost countless varieties two stand out prominently as the finest of the collection. One is called Horsford's Prelude, an American variety. It is a wonderfully productive sort, the fruit numbering as many as a dozen or more on cluster, hanging at regular intervals all up the stem. The fruit is of medium size, smooth, bright red, very succulent and of good flavor. It is pronounced first-class, and is likely to supersede all others, especially for the market."

From the *Rural New Yorker*, of September 28th, 1889: "Horsford's Prelude is in all ways except one a valuable variety. The one objection is its size. The tomatoes ripen with the earliest. They are free from rot, round, bright red in color, and bear abundantly during the entire season. Those who value a very early tomato should try the Prelude."

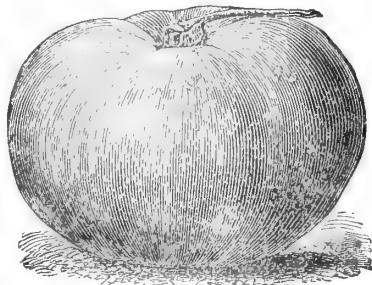
These Tomatoes are very solid. 1 lb. 12½ ozs. before cooking weighed 1 lb. 12 ozs. after cooking. See report of Experimental Station October report, N. Y.

This new Tomato was obtained by crossing the *Little Gem* with the *Acme*. The plants are wonderfully prolific, bearing their fruit in large clusters. The fruit is nearly round, perfectly smooth, and of a bright crimson red. It is more than twice as large as the *Little Gem*, or nearly as large as the *Conqueror*, and on a rich clay loam quite up with it in size; very solid, and in quality equal to the very best. The skin is firm and is perfectly free from rot. In earliness it stands at the head of the list; not only does it ripen the first fruit or any, but the whole crop crowds right along. From a field of ¼ of an acre this year, we picked over 200 bushels before getting over the ground the first time, and the whole crop, if it could ripen before frost, would exceed 400 bushels.

Market Gardeners will find this an invaluable kind for early forcing, as it does equally well under glass or in open air. A sample of the seed was sent the Royal Horticultural Society of London and the society, after testing, awarded it a first-class certificate.

SCOVILLE'S HYBRID TOMATO.

The Scoville has taken its place in line with all other varieties, and as a canning or second early tomato has no superior. It is free from that sharp acid that causes tomatoes to change so rapidly after canning.



SCOVILLE'S HYBRID.

THE LORRILLARD

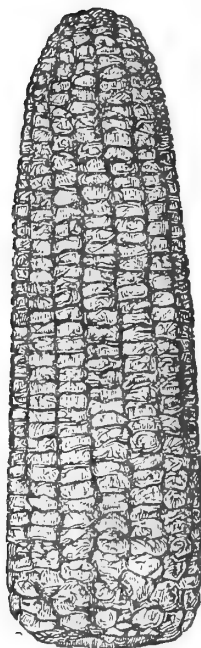
the first time. TRY IT.

Is another new, very desirable sort, which we catalogue this season for

New Dwarf Champion Tomato.

A distinct and valuable new sort, having strong main stem which enables it to support its fruit well up from the ground. The foliage is very peculiar, of a dark green color, leaves thick and different from any other. The crop ripens up early and evenly. It is a good cropper, smooth, medium in size, Acme in color. Highly recommended for forcing, and has been well advertised the past season by the Agricultural Press. We have an extra fine stock of this variety. See last page.

Perry's Hybrid Sugar Corn.



Our HYBRID CORN this season has been grown with the greatest care, the crop has matured nicely, and I think we are safe in saying that 95 per cent. will germinate. Our jobbing price is very low for corn of so much merit.

Testimonials come from all as you will see by the numerous catalogues that advertise and sell our corn. I wish to quote here from one who has grown Sweet Corn successfully many years.

Mr. C. S. Clark, says :—" Out of over **Fifty** varieties of Sweet Corn which *I have grown*, the PERRY'S HYBRID leads them all, in points of *earliness for so large an ear*. In productiveness, in flavor, and thrifty growth of stalk, rank and good color. For *canners and marketmen* I don't see how it can be improved upon."

This testimonial alone should be satisfactory to everyone without a word from others. You will be pleased with our Hybrid Corn if you get the genuine seed. *Try it.*

LIVINGSTON'S GOLD COIN

Sweet Corn is good. We had the pleasure of testing this variety last season. It is a beautiful ear, white cob, with pure yellow kernels, the type of evergreen, matures early and a rich flavor. As a private garden corn it should be perpetuated,—the color is against it for market. Price, 10 cts. per packet, 40 cts. per pint, 65 cts. per quart.



Golden Tom Thumb Pop Corn,

A LITTLE BEAUTY.

ears, only 2 to 2½ inches long, completely filled with bright, golden yellow grains, which, when popped, expand to a large size and is very tender. We have a nice stock of selected ears which we offer at 5 cts. each, 50 cts. per dozen.

BLACK OR BLUE POP CORN.

A very desirable sort, growing a little larger than the above, pops out very white and tender. These two varieties are catalogued by some as new and novelties, but are old sorts of merit, but have not been extensively advertised. These with many other varieties of Pop Corn we carry in stock and are prepared to fill early orders. Price of Blue Corn 5 cts. per ear; 50 cts. per doz.



The Erfurt Cauliflower.

Our Superior Strain of

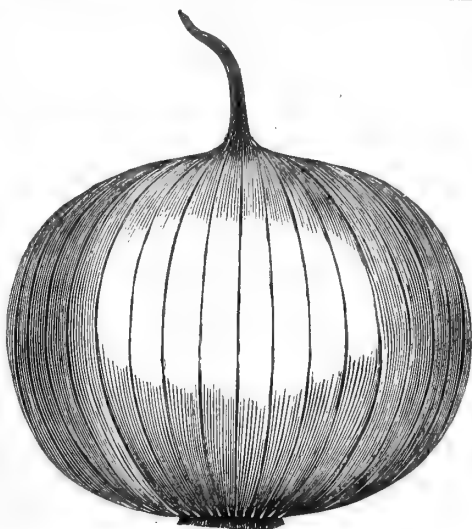
ERFURT CAULIFLOWER

Is without doubt the finest ever imported. It has been tested time and again with all the other varieties, both American and foreign grown seed, and the results always the same. More perfect heads than any other variety. Our Stock this season comes from the same grower and we are confident it will be just the same, although we are obliged to pay a little more for the seed this season, we shall keep our price the same, \$2.00 per oz., for as our sales and business increase we are willing to work on a smaller margin, a point which will be appreciated by our customers.

OUR IMPROVED

Yellow Danvers

Onion last season was very fine and gave the best of satisfaction. We are able to announce to you this season that our grower says the stock is much better, *Seed heavier* and fully 95 per cent will germinate. We have our Seed in Stock now and invite all who are intending to sow Onion Seed next spring to call for samples to test, and we shall be pleased to *give them to you free of charge. We offer special inducements on large lots.*



Improved Yellow Danvers.

POSTAL CARD FAVORS ACKNOWLEDGED.

May 26th, 1889.

A. D. PERRY & Co.

Gentlemen:—Please accept my thanks for the attention shown. Your dealings with us has always been fair. Count me as a regular customer of your firm.

F. C. D.

A. D. PERRY & Co.

Gentlemen:—The DETROIT WAX beans were very nice. The WARDWELL KIDNEY WAX Beans were from three to five days earlier, with long yellow pods of delicious flavor. We have enjoyed them very much.

H. V. B.

A. D. PERRY & Co.

Gentlemen:—Your Erfurt Cauliflower made a rapid growth, heads solid white and uniform. It is a very desirable variety.

C. W.

A. D. PERRY & Co.

Gentlemen:—The Golden Cluster Pole Beans are very fine, one of the best I ever tried, excellent string beans, tender, stringless and very prolific. We add them to the list of good things we get of you.

J. R. O.

PARIS GOLDEN YELLOW, NEW, LARGE, SOLID CELERY.

SELF BLANCHING.

This variety seems to be very tender at the start, and should receive care, but after being transplanted (which should be from eight to ten inches apart in the trench) it begins to throw out numerous stalks, which are wide, straight, solid, and form into a large and beautiful mass. I have counted from twenty to thirty perfect yellow stalks to one stool, and no soft stalks. The flavor was superior to any variety we ever tasted. With little care it blanches perfectly, leaves and all. It grows from fifteen to twenty inches high on loam soil, and twenty to twenty-four inches on muck. The past season was a poor one for Celery but the PARIS GOLDEN proved as satisfactory as any sort in use, we think. When our gardeners learn how to treat it they will be better pleased with the Golden Self-Blanching than any variety grown. See picture on page 17.

White Solid Paschal, New.

The great feature of this new variety is the remarkable breadth and thickness of its stalks, which are mild in flavor, fleshy and very tender, even without blanching. In size it is intermediate between the tall and the dwarf varieties; it is an admirable keeper and no variety is therefore better suited to succeed the *Paris Golden Celery*, in the market at an advanced period of the season, when good prices are paid for really first class Celery. We recommend this variety for a winter keeper, and believe there is no better. The flavor is exquisite. I have had the pleasure of sampling this new variety, and find it has a fine natty flavor without any bitter taste; you will be pleased with it. Price 20 cts. for $\frac{1}{4}$ oz. 30 cts. for $\frac{1}{2}$ oz. 60 cts. per oz.



There are several new varieties of Peas well adapted for market in green state. The *Alaska* is a small green Pea, very early and is liked by some as a first early Pea. *Horsford's Market Garden* is a good variety in place of *Advancers*, maturing about the same time and very prolific. Next in order and one of the best Peas ever introduced is the *Carter's Telephone*, too much cannot be said in its praise, they follow the *Advancer* very closely, being fully one week earlier than the *Champion of England*, with pods five or six inches long and well filled; the vines grow about three feet high and the Peas are a green wrinkled variety and as sweet as *Champion of England*; they cannot fail to please any branch of trade.

RADISHES.

The finest that ever were grown, from our *Imported Seed*. For the Green House our *Scarlet Turnip* *White Tipped*, and our *Deep Scarlet Turnip* are the first growing to good size in 20 to 25 days; then the *Scarlet Olive* and *Olive White Tipped* are fine, growing to good size in 25 to 30 days. The *White Turnip Box Radish* is recommended by some; they were of fine flavor but no better than those we have mentioned above. Our strain of *Long Scarlet Frame Radish* is the best we ever saw. Jas. Gladwell says of it, "they are splendid, about the size of a rake handle and nearly as long, brittle and so clear you could see through them." See page of Radish seed. Price reasonable.

Coral Gem Bouquet Pepper.

The fruit is useful as well as ornamental. Price 30 cts. per oz.; 5 cts. per paper.

One of the finest of the small varieties, very much the style of the *Celestial* or *Red Cluster* in growth of plant, forming a beautiful bouquet.

Celestial Pepper.

A beautiful ornamental plant, thickly covered with Peppers of all colors at the same time. Continuous fruited until frost.

Red Cluster Pepper.

Fine for seasoning and desirable for birds, or handsome in the flower garden or as a house plant.

A beautiful small Pepper, growing upright. Fruit in clusters, quite early and very productive.

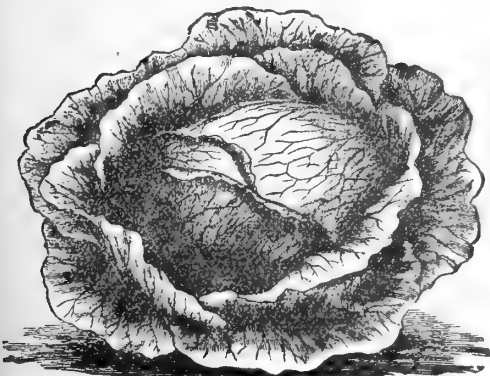
Golden Dawn and Ruby King.

Also all the leading varieties of Peppers. Price 25 and 30 cts. per oz.

CABBAGE, Extra Early Paris Market.

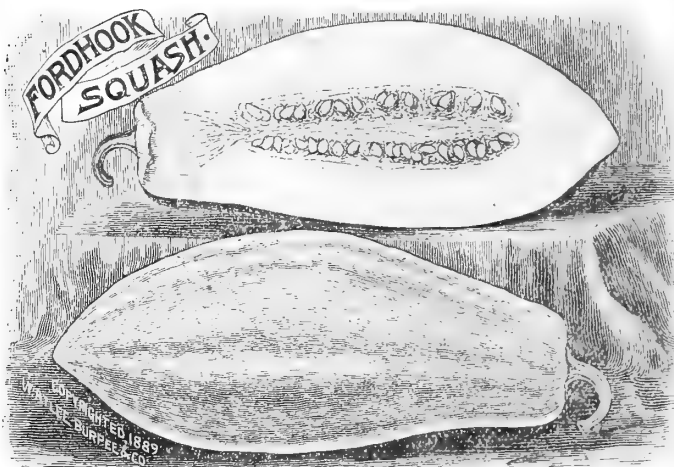
This new Cabbage is recommended by our Paris friends as being the best *extra early sort* yet introduced, resembles the *Express*, *Premier* and *Wakefield* or *Oxheart*. It is a very early, hard heading variety. We would like our gardeners to try them for *first early forcing Cabbage*.

PERRY'S STAND-BY CABBAGE.



For profit, weight, quality, color, earliest flat heads, excellent keeper, we have tried them all, and your *Brunswick* is the stand-by. We don't want seed from any other parties as long as you have the same stock "says one of our best growers." We have the finest strain of this Cabbage in America.

FORDHOOK SQUASH.



The engraving herewith accurately reproduced from photographs, shows the shape of the Squashes and the solidity of a section. The size is most convenient for family use, and the appearance extremely handsome, of a bright yellow outside, and straw-yellow within. The flesh is as "dry as Pike's Peak, and much sweeter"—making it the best in quality of all Winter Squashes. *It seems incapable of rotting*, and placed in a cool, dry room, keeps in perfect condition throughout the Winter and Spring, until late in June, when Summer Squashes are ready. It is also a strong and rapid grower, so that *the striped bug has never injured it*, as it "grows away from them"—being earlier in ripening than any other Winter Squash. It matures far North where scarcely any other varieties ever ripen. *It is as easily grown on all soils as the small Canada Crookneck.* Mr. Coy received a few of the seeds for trial, and planted them 5 feet apart each way: the rank growth of vines covered the ground, which became yellow with squashes. *From this little patch of two square rods of ordinary soil, Mr. Coy says he harvested two hundred and fifty well-ripened Squashes of superior quality, and "never saw anything like it before."* Sold only in sealed packets, each containing from 25 to 30 seeds, with the above illustration, reduced in size, printed upon each packet. Per pkt. 15 cts.; 2 pkts. for 25 cts.; 5 pkts. for 60 cts. or 10 pkts. for \$1.00, postpaid.

Sibley or Pike's Peak Squash. On another page you will find a picture of this Squash; they have been advertised for three years quite extensively and give general satisfaction. It is claimed that they improve in flavor and quality until the last of the season and are a splendid keeper. For price see our list page 13.

SPINACH, LETTUCE LEAVED. We are offering this season a splendid variety of Spinach, (see picture on page 4), we call it Lettuce Leaved, and think it is one of the best varieties in cultivation, extra large, thick savoy leaves, beautiful color and very productive, just what market gardeners desire. It stands our winters well and can be used as a Spring or Fall Spinach.

Swiss Chard or Silver Beet. For private families Swiss Chard is excellent for greens the tops can be cut time and again and will sprout very soon, and by the next week, ready to be cut again. We have both the red and white varieties. For price see list page 4.

Vine Bulbs for Spring.

Among the most desirable are the *Madeira* and *Cinnamon* Vines. The *Madeira* vine is a beautiful climber with thick, glossy, light green leaves, climbing twenty feet high and twining in any form. Plant the tubers out where you wish them in the early spring, put up your trellis or twines the way you wish them to run and they will make a rapid growth. In the fall cut off the vines, dig up the roots and put them away in the cellar until next spring. If you place them in a sunny spot they will have fine white flowers quite thickly set about the vines among the leaves presenting a beautiful appearance.

Price 75 cents per dozen, 10 cents each.

CINNAMON VINE.

The *Cinnamon* Vine has become quite a favorite also to shade arbors, windows, etc. It is a hardy perennial, the roots can be left in the ground during the winter. It starts early in the spring, grows very rapidly, bears heart-shaped leaves and a flower with the flavor of cinnamon. The vine grows 18 to 20 feet in one season when properly trained. Roots 25 cents each, \$2.00 per dozen, sent by mail without extra charge.

FALL BULBS, &c.

Our people find that bulbs can be cultivated so easily that the demand is daily increasing for *Hyacinth*, *Tulips*, *Narcissus*, *Lilies* and *Crocus*. The stock we have put out for the last three years has been very fine, and our bulb trade has more than tripled. We intend to import more largely the coming season and be prepared to offer all the new varieties that are desirable. We do not intend to issue a bulb catalogue this season but hope to receive your orders early and assure you they will receive our best attention. Price will always be reasonable.



Immortelles, Moss, &c.

We keep in stock at all seasons for florists and others, all colors of *Immortelles*. Two shades of *MOSS*, *GRASSES*, &c., for any kind of decorating.

100,000

Berry Baskets for sale and Crates to match. We keep in stock the largest supply of *Quart Berry Boxes* and *Thirty-two Quart Crates* of any firm in *Syracuse*, and job them at bottom prices; don't forget us in the busy season when you need them in a hurry.

BEANS.

Kinney's New Boston Pea Bean, 123 pods on one plant with an average of Six Beans to the pod; try them, they are fine.

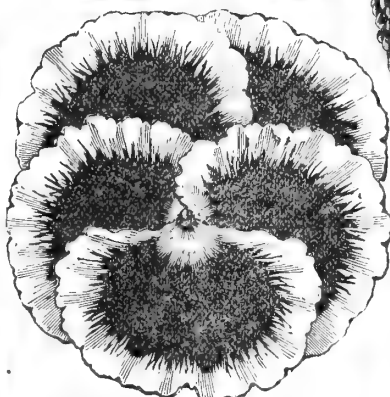
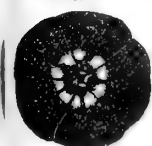
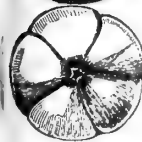
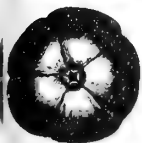
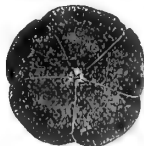
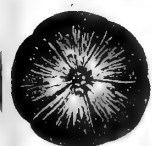
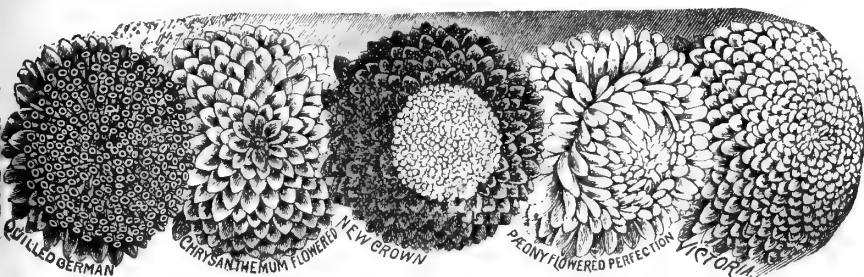
Plant Food.

There is nothing like our *Plant Food* to renew your houseplants. One *Quart Package* is sufficient for twelve plants one year. Full directions on each package, price 25 cents. Liberal discount to the trade. It is kept by druggists generally.

NEW AND DESIRABLE FLOWER SEEDS, &C.,

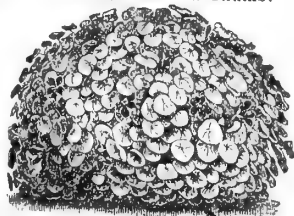
NOT LISTED IN OUR REGULAR LIST.

- Aster Comet.** Colors various with long wavy petals full flower. 10 cts. per package.
- New Victoria Aster.** In various colors, tall and graceful, full flower, pyramidal shape. 10 cts. per package.
- Mignon Aster.** Pure white, small pompon flowers, very fine, for cut flowers or florist work. 10 cts. per package.
- Harlequin Aster.** Spotted and striped double flowers of various colors. 25 cts. per package.
- Calceolaria Hybrida Grandiflora.** Extra fine greenhouse variety. 25 cts. per package.
- Mirabilis Longiflora or Jockey Club.** Flower, very fragrant, similar to the perfume whose name it bears, pure white, blooms from seed the first season until frost. Roots may be taken up and stored like Dahlias for the next season. 10 cts. per package.
- Nicotiana Affinis.** Pure white and very fragrant, *annual*. 10 cts. package.
- Phlox Decussata, (Perennis).** 5 cts. per package.
- Ipomoea Noctiflora, Moon Flower.** Grandiflora Alba, or Evening Glory should be sown as early as March and transplanted as soon as season will admit.
- Ipomoea Noctiflora Hybrida.** Black and white seeded, new. Said to open nearly one hour earlier in the evening, grows more rapidly than the above and flowers fully one inch larger in diameter, and handsomer in appearance every way. We have these two varieties now started in the greenhouse and expect plants for sale at a moderate price.
- Ipomopsis.** Are a very beautiful plant, long spikes with scarlet and orange flowers, fine foliage, quite hardy, perennial and suitable for dry situations.
- Lathyrus or Sweet Peas.** New varieties, apple blossom, resembles the flower of apple blossoms very closely.
- Lathyrus, Boreatton.** New, particularly handsome and distinct sort, its flowers are large and a rich dark chestnut color. 10 cts. per package.
- Lathyrus, Crown Prince of Prussia** Bright blush. 5 cts. per package.
- Isa Eckford.** New, charming variety, flowers rosy pink shaded with carmine. 5 cts. per package.
- Invincible Scarlet.** 5 cts. per package.
- Invincible Carmine.** 5 cts. per package.
- Imperial Black.** 5 cts. per package.
- Orange Prince.** New, distinct and fine, rose colored wings and orange red standards.
- Princess of Wales.** White with blue stripes. 5 cts. per package.
- Queen of the Isles.** Mottled with white and purple.
- Splendor.** Dark rose color shaded with crimson, very large flowers. 5 cts. per package.
- Papaver Fairy Blush.** New, annual, very fine, double.
- Pyrethrum Roseum.** Insect powder.
- Reseda Machet.** Best mignonette for pots, with thick spikes with redish flowers. 5 cts. per package.
- Tropaeolum, Cloth of Gold.** Light foliage, dwarf, very fine, for mound beds. 10 cts. per package.
- Tropaeolum, Empress of India.** Dwarf, with very dark leaved foliage, crimson flowers. 10 cts. per package.
- Tropaeolum, Tricolor (Jaratti) Grandiflora.** Dwarf, most beautiful variety. 10 cts. per package.
- Zinnia, Tom Thumb.** Double, 10 cts. per package.



NEW PEARL ASTER.

Nasturtium, New Tom Thumb.



CLOTH OF GOLD.

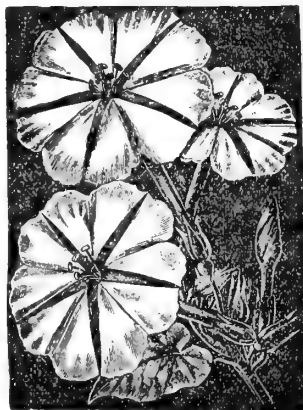
PANSIES.

PHLOX,

DRUMMONDI.

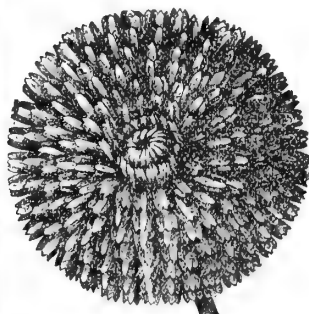


Balsam



IPOMOEA NOCTIPHYTON.

Moonflower



CALENDULA.

CALENDULA.

WE WILL MEET ANY PRICES GIVEN TO GRANGERS
ON SAME CLASS OF GOODS.

Flower Seeds.

KEY TO CULTURE.

A. Sow for succession from April to June for summer and autumn blooming. Prepare the ground thoroughly by digging, adding a good supply of leaf-mould or well rotted manure, making the surface fine and smooth.

B. Sow in gentle heat, in a well drained pot or pan of light soil. Sow thinly and cover lightly with a fine sandy soil. Shade from bright sunshine, and water when necessary through a fine rose watering pot. Transplant to open ground when all danger from frost is over. The seed may also be sown in a cold frame in April or open border in the latter part of May, but will not flower so early. Transplant or thin out before the plants get too large.

C. Sow from April to June or in August, in a well prepared bed of light soil, covering the seed lightly. Keep clear of weeds, and thin out the plants, if too thick, sufficiently early to allow them to develop their growth.

D. Sow in Spring, in a well drained pot or well prepared hot-bed of light, peaty, sandy soil. Place in a moderately warm temperature. Shade from bright sunshine and keep moist, transplanting when ground is in proper condition, or in open ground after May 10 for late flowers.

E. Sow in open border in April or May, and thin out or transplant, giving each plant plenty of room.

F. Sow any season, in a pot prepared as follows: Let the pot be one-third full of drainage or broken charcoal; over that rough siftings of mould, and the surface with very fine soil, half of which should be composed of fine, sharp sand; water with fine sprinkler; scatter the seed thickly over the surface, covering very lightly; keep from direct rays of the sun. As soon as the plants show the third leaf transplant into seed pans, three-fourths of an inch apart, giving a little air to strengthen them. When the plants begin to touch each other they should be transplanted singly into small pots and keep them in a cool airy part of the greenhouse near the glass. Repot them when necessary.

The following portion of our Catalogue, devoted to Flower Seeds, we have arranged both alphabetically and in columns, to enable any one to easily refer to the price and description of any variety desired.

KEY TO COLUMNS.

The 1st col. contains the name of the flower.
The 2d " " hardness and duration.
The 3d " " height in feet.
The 4th " " color of flower.

The 5th column contains culture.
The 6th " " price per packet.
The 7th " " general observations.

KEY TO ABBREVIATIONS.

b., blue.	dk., dark.	mve., mauve.	spot., spotted.
bid., blood.	dp., deep.	mx'd, mixed.	stri., striped.
blk., black.	gr., green.	or., orange.	sul., sulphur.
br., brown.	lav., lavender.	pur., purple.	var., variegated.
bff., buff.	lf., leaf.	rose, rose.	ver., vermillion.
car., carmine.	lt., light.	rd., red.	wh't, white.
cr., crimson.	mar., maroon.	scar., scarlet.	yel., yellow.

HARDINESS AND DURATION.

A.—Annual, lasting one year.
B.—Biennial, lasting two years.
P.—Perennial, lasting three or more years.
ev., evergreen.

g., greenhouse.
h., hardy.
h. h., half-hardy.
sh., shrub.

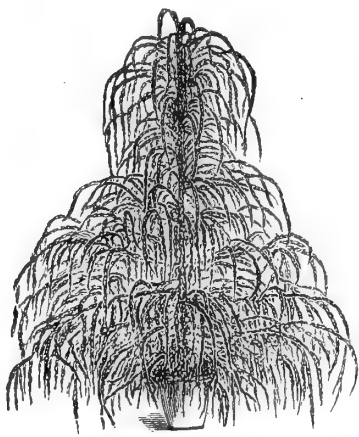
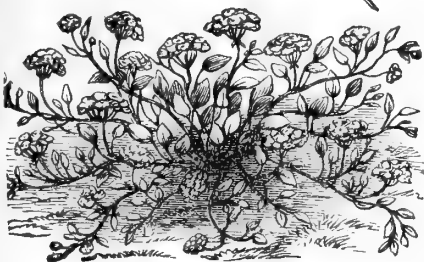
SELECT FLOWER SEEDS.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Abobra viridiflora</i>	hhP	6	green.	E	5	Abobra. —A beautiful variety of climbing Gourd, with elegant foliage.
<i>Abronia umbellata</i>	hhA	½	rose.	D	5	Abronia. —Trailing Verbena like flowers.
<i>Aconitum napellus</i>	hP	2	blue&w.	C	5	Aconitum. —Monkshood.
<i>Acroclinium roseum</i>	hhA	1	rose.	E	5	Acroclinium. —Pretty everlasting flowers; should be cut before fully expanded.
" <i>album</i>	"	1	white.	"	5	
<i>Adlumia cirrhosa</i>	hA	15	pink.	"	10	Adlumia. —A beautiful climbing, fine foliaged plant, also known as Mountain Fringe and Alleghany Vine.
<i>Adonis æstivalis</i>	"	1	scarlet.	"	5	Adonis. —Showy border flowers.
<i>African Rose</i>	"	"	"	"	5	African Rose. —See Hibiscus.
<i>Ageratum mexicanum</i>	hA	1	blue.	B	5	Ageratum. —Continual bloomer, and fine for cutting. The dwarf varieties are very desirable for borders or edgings.
" <i>Imperial Dwarf</i>	"	½	"	"	5	
" <i>nanum</i>	"	½	"	"	5	
<i>Agrostemma Cœli Rosa</i>	"	1	rose.	A	5	Agrostemma. —Rose Campion.
<i>Agrostis nebulosa</i>	"	1	"	A	5	Agrostis. —Very fine for dried grasses.
" <i>pulchella</i>	"	"	"	"	"	
<i>Alleghany Vine</i>	"	"	"	E	"	Alleghany Vine. —See Adlumia.
<i>Alonsoa grandiflora</i>	hhA	1½	scarlet.	E	5	Alonsoa. —Very showy in blossom and of graceful habit; excellent for bedding.
<i>Alyssum maritimum</i> (sweet).....	hA	1	white.	"	5	Alyssum. —Excellent for pot or basket cultivation or for edgings in the flower garden. The perennial varieties are among the earliest and most attractive of spring flowers.
" <i>saxatile compactum</i>	P	1	yellow.	"	5	
" <i>Wierzebecki</i>	"	1	w. & y.	"	5	
Amaranth	"	"	"	"	"	Amaranth. —See Gomphrena.
<i>Amaranthus bicolor ruber</i>	hhA	3	var. lf.	"	"	Amaranthus. —Beautiful foliaged plants.
" <i>caudatus</i>	"	3	"	"	5	A. Salicifolius and Henderi form elegant pot plants for greenhouse or conservatory and are much used for bedding. A. caudatus is the well-known "Love lies bleeding."
" <i>cruentus</i>	"	2	"	"	5	A. cruentus is better known as "Princess' Feather," A. tricolor as "Joseph's Coat" and A. melan. as "Nun's Whipping Post."
" <i>melancolicus ruber</i>	"	1	"	"	5	
" <i>salicifolius</i>	"	3-5	"	"	10	
" <i>Henderi</i> (new).....	"	4	"	"	10	
" <i>tricolor</i>	"	2	"	"	5	
Amethyst	"	"	"	D	"	Amethyst. —See Browallia.
<i>Ammobium alatum</i>	hA	2	white.	E	5	Ammobium. —White everlasting flowers.
<i>Anagallis grandiflora, Eugenie</i>	hhA	1	b. & w.	B	5	Annagallis. —Poor Man's Weather Glass.
" <i>Napoleon III.</i>	"	1	crimson.	"	5	Splendid for rock-work and borders.
" <i>grandiflora, fine mixed</i>	"	1	mixed.	"	5	
<i>Anchusa augustifolia capensis</i>	hP	2	blue.	C	5	Anchusa. —Splendid for bouquets; long bloomer, azure blue forget-me-not like flowers; blossoms first year from seed.
<i>Angelonia grandiflora</i>	hP	1½	blue.	"	10	Angelonia. —Blue flowers; sweet scented.
<i>Animated Oat</i>	"	"	"	"	5	Animated Oat. —See Avena.
<i>Antirrhinum majus</i>	P	2	mixed.	B	5	Antirrhinum. —Snapdragon. Will bloom first season.
" <i>majus nanum picturatum</i>	"	"	"	"	5	
<i>Aquilegia, Single</i>	P	1½	"	C	5	Aquilegia. —Columbine. Pretty and very desirable for early spring flowering.
" <i>Double</i>	"	1½	"	"	5	
<i>Arctotis breviscapa</i>	hhA	1½	orange.	B	5	Arctotis. —Large orange flowers with dark centre.
<i>Argemone Hunnemanni</i>	hA	2	car.&yel.	A	5	Argemone. —Mexican Poppy.
<i>Artemesia gracilis</i>	"	4	"	"	5	Artemesia. —Highly decorative foliage plant.
<i>Aristolochia Sipho</i>	hB	30	y. & br.	D	5	Aristolochia. —Dutchman's Pipe. A quick growing climber, with large heart-shaped leaves. Highly recommended.
<i>Asperula azurea setosa</i>	hA	1	blue.	A	5	Asperula. —Very sweet scented flowers and profuse bloomer.
" <i>odorata</i>	hP	½	white.	"	10	
Aster, German quilled	hA	2	mixed.	D	5	Aster. —The vast improvement made in the last few years by the English and German growers of this showy flower cannot be too highly spoken of. We refer especially to the different varieties of Truffaut's Pæony-flowered and the New Washington Asters. The La Superbe varieties of the first-named are rightly termed, for in every respect they are truly superb.
" <i>Dwarf Pyramidal Bouquet</i>	"	1	"	"	10	
" <i>Truffaut's Pæony-fl'd Perfection</i>	"	2	"	"	10	
" " <i>La Superbe</i>	"	2	rose.	"	10	
" " " ".....	"	2	sky b. & w.	"	10	

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Pkt.	GENERAL OBSERVATIONS.
Aster, Truffaut's La Superbe.....	hA	2	pure wht.	D	10	Aster. No lover of these flowers can find anything so easily cultivated that would afford such genuine pleasure and satisfaction. The New Washington varieties are extremely beautiful, attaining a very large size averaging 4½ inches in diameter, and in delicacy of tints are unequalled. Aster seed should be sown early in the Spring in a hot-bed or window box and transplanted out-doors when the weather is warm, about 12 inches apart—the taller varieties a little farther apart and the dwarf varieties a little nearer together.
“ Dwarf Chrysanthemum.....	“	1	mixed.	“	15	
“ Large Rose-flowered.....	“	2½	“	“	15	
“ Cocardeau or Crown (w. centre).....	“	2	various.	“	15	
“ New Washington, white.....	“	2	white.	“	20	
“ Perennial, fine mixed.....	“	“	mixed.	“	5	
Avena sterilis.....	hA	2	“	C	5	Avena.—Animated Oats.
Balloon Vine.....	hhA	5	white.	B	5	Balloon Vine.—Love-in-a-puff; climbing plant for house or garden.
Balsam, Double Extra.....	hA	1½	mixed.	B	10	Balsams.—Our balsams have been selected with great care and we feel certain that they will please our customers.
“ Double Rose flowered.....	“	2	“	“	10	
“ Double Rose flowered, white.....	“	2	white.	“	10	
“ Double Camellia flowered.....	hA	2	mixed.	“	10	
“ New Carnation-striped.....	“	2	“	“	10	
“ Double Solferino.....	“	2	w., spt., str.	“	10	
“ “ Victor.....	“	2	w., sc. sp.	“	10	The Double Victoria White Scarlet Spotted is very delicate in color and will become a great favorite.
Bartonia aurea.....	hA	1	yellow.	E	5	Bean.—Climbers, bearing clusters of dazzling scarlet, and pure white flowers.
Bean, Scarlet Runner.....	“	15	scarlet.	A	5	
“ White, “.....	“	15	white.	“	5	Bellis.—Double Daisy.—Very handsome spring flowering plant.
Bellis Perennis, fl. pl.....	hP	¼	mixed.	C	5	
Brachycome ibericifolia.....	hhA	1	mixed.	D	5	Brachycome.—Swan River Daisy.
Briza compacta.....	hA	1	“	A	5	Briza.—Quaking Grass.
“ maxima.....	“	1	“	“	5	
Bromus brizæ formis.....	hP	1	“	C	5	Bromus.—Ornamental Grass for winter bouquets.
Browallia elata.....	hhA	1½	mixed.	D	5	Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets.
Bryonopsis laciniosa erythiocarpa.....	hhA	5	red	D	10	Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white.
Cacalia coccinea.....	hA	1½	scarlet.	E	5	Cacalia.—Tassel Flower.
Calampelis scabra.....	hhA	8	orange.	D	5	
Calandrina discolor.....	hA	1	rose.	E	5	Calandrina.—Very desirable for pot plant; also for rockeries.
“ grandiflora.....	“	“	rosy pink.	“	5	
“ umbellata.....	“	¼	crim. violet	“	5	Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections.
Calceolaria hybrida, large flowered.....	gP	2	mixed.	F	25	
“ James' Prize splendid.....	“	1	“	“	25	Calendula.—Cape Marigold.
Calendula pluvialis.....	hA	1	w. b. und' th	A	5	
Calendula Officinalis “Meteor”.....	“	1	lt. orange.	“	10	Calendula Off. Meteor.
California Poppy.....	“	“	“	E	5	California Poppy.—See Eschscholtzia.
Calliopsis Drummondii.....	hA	1½	pur. & yel.	“	5	Calliopsis.—Very showy and continues to bloom a long time.
“ bicolor nana.....	“	1½	mixed.	“	5	C. Drummondii is admirably adapted for borders.
Callirrhoe pedata nana.....	“	2	mixed.	“	5	Callirrhoe.—Profuse bloomer, continuing throughout the season.
Campanula medium, single.....	hP	2	“	C	5	Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum,
“ “.....	“	2	“	“	5	
“ speculum.....	hA	½	mixed.	“	5	Venus Looking Glass.
Canary Bird Vine.....	hhA	10	yellow.	D	10	Canary Bird Vine.—See Tropæolum canariense.
Candytuft.....	“	“	“	E	5	Candytuft.—See Iberis.
Canna, Finest mixed.....	hhP	“	mixed.	D	5	Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants.
“ Nigricans.....	“	“	red.	“	10	
“ Zebrina.....	“	“	scarlet.	“	10	
Canterbury Bell.....	“	“	“	C	5	Canterbury Bell.—See Campanula.
Cardinal Flower.....	“	“	“	B	5	Cardinal Flower.—See Lobelia.
Cardiospermum Halicacabum.....	hhA	5	white.	“	5	Cardiospermum.—See Baloon Vine.
Carnation.....	“	“	“	A	5	Carnation.—See Dianthus.
Castor Oil Bean.....	“	“	“	D	5	Castor Oil Bean.—See Ricinus.
Catchfly.....	“	“	“	E	“	Catchfly.—See Silene.



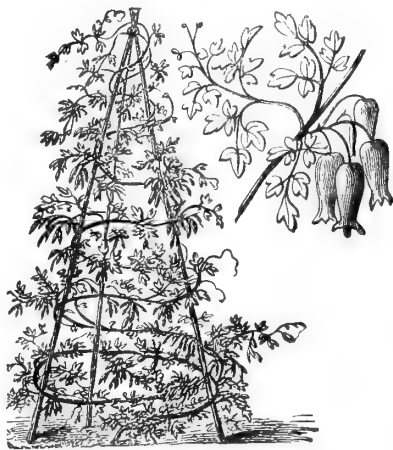
ABRONIA UMBELLATA.



AMARANTHUS SALICIFOLIUS. 507



AGERATUM MEXICANUM.



ADLUMIA.



SWEET ALYSSUM.



AQUILEGIA.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Culture.	Per Plat.	GENERAL OBSERVATIONS.
<i>Celosia, cristata nana</i>	hhA	1	crimson.	B	5	Celosia .—Cockscomb, showy plant, producing large combs of crimson or yellow flowers.
“ feathered.....	“	1	mixed.	“	5	
“ japonica.....	“	2	scarlet.	“	10	
<i>Centaurea candidissima</i>	hhP	1	silver fol.	E	15	Centaurea .—Dusty Miller; silver leaved foliage plants, extensively used in borders and bedding. Pick the buds off as they appear. They should not be allowed to flower if a thick mass of foliage is desired.
“ <i>gymnocarpa</i>	“	1½	“	“	15	
“ <i>moschata</i>	hA	2	blue.	“	5	C. moschata .—Sweet Sultan.
“ <i>cyaneus</i>	“	2	mixed.	“	5	C. cyaneus .—Batchelor's Button.
<i>Centranthus macrospion</i>	“	1½	red	E	5	Chamæpuece casabonæ .— Handsome thistle-like foliage plants with dark green leaves, veined with white.
<i>Chamæpuece casabonæ</i>	hhP	1	orn. fol.	D	10	Chrysanthemum .—Free blooming flowers lasting late in the season, long after many other flowers are faded.
<i>Chrysanthemum, carinatum album</i>	hA	..	white.	F	5	C. idicum pompone is very double, pure white and a constant bloomer; excellent for cut flowers.
“ <i>idicum pompone, d'l fl'd</i>	hhP	2	dbl. white.	“	10	Cineraria .—Beautiful compact flowering plants of crimson, magenta and purple colors.
<i>Cineraria hybrida choice mixed</i>	gP	2	various.	“	25	Clematis .—Fine climbing vines.
<i>Clarkia, best mixed</i>	hA	1½	mixed.	E	5	C. idicum .—Should be started early in order to prove most successful. Flowers dazzling scarlet and black
<i>Clematis, fine mixed</i>	hP	10	“	C	10	Cobæa .—To attain full growth should be started in pots. Very rapid climber.
<i>Clianthus Dampieri</i>	A	2	sc. & blk.	A	25	Coccinia .—Gourd family. Fruit scarlet.
<i>Cobæa scandens</i>	hhA	20	purple.	B	10	Cockscomb .—See <i>Celosia</i> .
<i>Coccinia Indica</i>	hhP	6	red.	C	10	Coix .—Job's Tears.
<i>Cockscomb</i>	hA	1½	“	B	5	Collinsia .—Purple, blue and white flowers; very pretty.
<i>Coix lacryma</i>	“	1½	mixed.	E	5	Columbine .—See <i>Aquilegia</i> .
<i>Collinsia</i>	“	1½	“	“	5	Convolvulus Major .—Morning Glory, tall; C. Minor, Morning Glory, dwarf.
<i>Columbine</i>	“	“	“	“	5	C. Mauritanius for hanging baskets.
<i>Convolvulus major</i>	lhA	10	finestmix'd	E	5	Coreopsis .—See <i>Calliopsis</i> .
“ <i>tricolor minor</i>	“	1	“	D	5	Cosmanthus .—Flowers fringed and pretty, plant spreading.
“ <i>Mauritanicus</i>	hP	..	blue.	C	10	Cosmidium .—Flowers large and showy, similar to <i>Coreopsis</i> .
<i>Coreopsis</i>	hA	1	lilac & w.	E	5	Cucumis .—Ornamental Cucumber. C. flexuosus. — Snake Cucumber, bearing fruit three feet long. C. dipsaceus. — Teasel-formed.
<i>Cosmanthus fimbriatus</i>	hA	1	“	“	5	Cucurbita .—Ornamental Gourd. C. leucantha depressa. — Green Fruit. C. longissima. — Curious fruit five feet long.
<i>Cosmidium Burridgeanum</i>	“	2	cr., br. & yel	“	5	Cyclamen .—Green house plants, very handsome bloomers.
<i>Cucumis</i>	hhA	6	fine mixed.	B	5	Cypress Vine .—See <i>Ipomæa Quamoclit</i> .
“ <i>flexuosus</i>	“	“	“	“	5	Dahlia .—Saved from the largest flowering and most double sorts.
“ <i>dipsaceus, teasel-formed</i>	“	“	“	“	10	Daisy .—See <i>Bellis</i> .
<i>Cucurbita</i>	hhA	6	fine mixed.	E	10	Delphinium cashmerianum .
“ <i>leucantha depressa</i>	“	“	“	“	10	
“ <i>longissima</i>	“	“	“	“	10	
<i>Cyclamen persicum</i>	hhP	1½	fine mixed.	B	50	D. Giant Hyacinth fl'd .
<i>Cypress Vine</i>	“	“	“	“	“	
<i>Dahlia, double</i>	hhP	..	finestmix'd	E	5	D. nudicaule .—The finest perennial Larkspur, of dwarf compact growth, with abundant brilliant scarlet flowers.
“ <i>single</i>	hA	..	“	“	10	Delphinium .—The seed of the perennial sorts should be sown in spring; the plants will then become strong by fall and flower the following summer.
<i>Datura fastuosa, finest double</i>	hA	3	mixed.	E	10	Devil-in-a-bush .—See <i>Nigella hispanica</i> .
<i>Delphinium (Larkspur)</i>	“	“	“	“	5	Diamond Plant .—See <i>Mesembryanthemum</i> .
“ <i>double, dwarf rocket</i>	hA	1½	“	“	5	
“ <i>double branching</i>	“	2	“	“	5	
“ <i>Perennial sorts</i>	hP	3 4	“	“	5	
“ <i>nudicaule</i>	“	1½	scarlet.	“	5	
“ <i>elatum</i>	“	5	mixed.	“	5	
“ <i>formosum</i>	“	2	blue&wht.	C	5	
<i>Devil-in-a-bush</i>	“	“	“	A	5	
<i>Diamond Plant</i>	“	“	“	B	5	
<i>Dianthus, Pink</i>	“	“	“	C	“	
“ <i>barbatus, single</i>	hP	1½	mixed.	“	5	
“ <i>double</i>	“	1½	white.	“	10	
“ <i>Caryophyllus (Carnation)</i>	hhP	2	finestmix'd	F	25	D. carnation grenadin .—“For Florists' purposes and sale plant this fine and floriferous carnation is invaluable.”
“ <i>Clove Pink</i>	“	“	“	“	10	“It blooms three weeks earlier than any other variety, and furnishes a profusion
“ <i>picotee</i>	“	“	finestmix'd	“	25	
“ <i>perpetual or tree</i>	“	“	“	“	10	
“ <i>grenadin</i>	“	“	bril. scar.	“	15	



CANNA.



MARIGOLD, AFRICAN.



DELPHINIUM.



MARIGOLD, FRENCH.



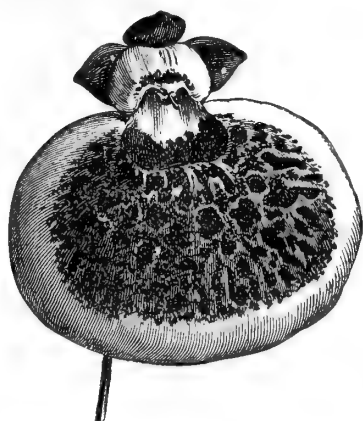
SCABIOSA.



LOBELIA ERINUS—DWARF DOUBLE.



Begonia Froebeli.



Calceolaria.



Gourds.



Celosia Christata.



Alonsoa Myrtifolia.



Convolvulus.

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Iberis lilacina</i>	hA	1	deep pur.	5	is perfectly hardy, flowering very early in the spring.
" <i>sempervirens</i>	hP	1	white.	5	
" <i>pectinata odorata</i>	hA	1	"	5	
Ice Plant.....	..	..	..	..	Ice Plant.—See <i>Mesembryanthemum</i> .
Indian Shot.....	..	..	..	..	Indian Shot.—See <i>Canna</i> .
<i>Ipomæa bona nox</i>	hhA	10	white.	5	<i>Ipomæa bona nox</i> .—Evening Glory.
" <i>coccinea</i>	"	10	scarlet.	5	<i>I. coccinea</i> .—Star <i>Ipomæa</i> . <i>I. grandiflora</i> .—Variegated Morning Glory.
" <i>marmorata grandiflora</i>	"	10	variegated.	5	<i>I. quamoclit</i> .—Cypress Vine. An elegant and exceedingly graceful, fine foliaged climber, with star-like blossoms of various colors. The seed should be sown the last of May in a warm, sunny location.
" <i>quamoclit</i> (Cypress Vine).....	"	10	mixed.	5	
<i>Jacobæa</i>.....	..	..	..	..	<i>Jacobæa</i> .—See <i>Senecio</i> .
Job's Tears.....	..	..	..	..	Job's Tears.—See <i>Coix lacryma</i> .
Lady's Slipper.....	..	..	..	..	Lady's Slipper.—See <i>Calceolaria</i> and <i>Balsam</i> .
<i>Lantana</i> , hybrida finest.....	hhP	2	mixed.	10	
Larkspur.....	..	..	..	..	Larkspur.—See <i>Delphinium</i> .
<i>Lathyrus odoratus</i> (Sweet Pea).....	hA	5	mixed.	5	<i>Lathyrus</i> .—Sweet Pea. Fragrant and profuse flowering climbing plants continuing in blossom throughout the season.
" <i>Painted Lady</i>.....	..	..	rose & wh.	5	The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes.
" <i>Everlasting Pea</i>	hP	5	..	5	Sow the seed in rows and support the vines with brush, or with strong twine fastened to stakes set among the plants.
" <i>white</i>.....	..	5	..	5	Our seed is saved only from the very finest sorts cultivated, and are true to name.
Lavender.....	..	..	..	..	Lavender.—See <i>Lavendula</i> .
Lavendula.....	hP	2	violet.	5	Lavendula. — Well-known old-fashioned flower, highly prized for its peculiar odor.
<i>Leptosiphon hybridus</i> , French.....	hA	¾	various.	10	<i>Leptosiphon</i> .—Very pretty for ribbon beds and borders; colors blue, white, lilac, sulphur, purple and orange.
<i>Linaria cymbalaria</i>	hP	..	lavender.	10	<i>Linaria</i> .—Kenilworth or Coliseum Ivy.
" <i>Finest mixed</i>	hA	1	mixed.	5	
<i>Linum grandiflorum rubrum</i>	hP	1	splen. scar.	5	<i>Linum</i> .—Scarlet Flax.
<i>Loasa hispida</i>	hA	..	golden yel.	5	<i>Loasa</i> .—Climbers, with curious flowers.
" <i>tricolor</i>	"	..	yel. shaded	5	
<i>Lobelia cardinalis</i> Queen Victoria.....	hP	2	scarlet.	10	<i>Lobelia cardinalis</i> .—Cardinal Flower.
" <i>erinus gracilis</i>	hA	½	dark blue.	10	<i>L. speciosa</i> .—One of the most effective varieties for bedding. <i>L. erecta</i> .—Excellent for edgings and ribbon, or carpet-bedding; very fine and compact.
" <i>speciosa</i> Crystal Palace.....	"	½	"	10	
" <i>erecta</i>	"	½	..	10	
<i>Lophospermum scandens</i>	hhA	10	mixed.	15	<i>Lophospermum</i> . — Beautiful climbing plant, with very large trumpet-shaped flowers.
Love-in-a-mist.....	..	..	..	1	Love-in-a-mist.—See <i>Nigella hispanica</i> .
Love-in-a-puff.....	..	..	..	..	Love-in-a-puff.—See <i>Balloon Vine</i> .
Love-lies-bleeding.....	..	..	..	..	Love-lies-bleeding. — See <i>Amaranthus caudatus</i> .
<i>Lunaria annua</i>	hB	2	purple.	5	<i>Lunaria</i> .—Honesty.
<i>Lupinus</i> finest annual sorts mixed.....	hA	2	mixed.	5	<i>Lupinus</i> . — Lupine. Splendid plants, with long spikes of rose, white, lilac, red, yellow and blue flowers.
<i>Lychnis Haageana</i> Fine Hybrid.....	hP	1	scarlet.	5	<i>Lychnis</i> .—Ragged Robin.
Maize Japanese.....	hA	4	striped leaf	5	Maize. — Striped Japanese Corn. Very ornamental.
<i>Malope grandiflora</i>	"	1½	mixed.	5	
Marigolds.....	..	..	..	..	Marigolds.—See <i>Tagetes</i> .
<i>Martynia fragrans</i>	hhA	1½	crimson.	5	
Marvel of Peru.....	hA	1	white.	5	Marvel of Peru.—See <i>Mirabilis</i> .
<i>Matricaria capensis</i> fl. pl.....	hhP	1	white.	5	<i>Matricaria</i> .—Feverfew; dwarf and very double. <i>M. par.</i> —See <i>pyrethrum</i> .
<i>Maurandia Barclayana</i> ,.....	hhP	10	..	10	
" <i>finest colors</i>	"	10	mixed.	10	
<i>Mesembryanthemum crystallinum</i>	hA	½	white.	5	<i>Mesembryanthemum</i> . — Ice Plant. Diamond Plant.
Mignonette.....	..	..	..	..	Mignonette.—See <i>Reseda</i> .
<i>Mimosa pudica</i>	hhA	2	pink, wht.	5	<i>Mimosa</i> .—Sensitive Plant.
<i>Mimulus cardinalis</i>	hhP	1	scarlet.	5	<i>Mimulus cardinalis</i> .—Monkey Flower; will bloom the first season from seed.
" <i>tigrinus</i>	"	1	spotted.	10	

NAME.	Hardness and Duration	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Mimulus moschatus</i>	hhP	½	yellow.	10	They like a damp, shady situation. M. moschatus .—Musk Plant.
<i>Mirabilis Jalapa</i>	"	2	finestmix'd	5	Mirabilis .—Marvel of Peru; Four o'clock
<i>Momordica balsamina</i>	hhA	10	yellow.	5	Momordica .—Balsam Apple; trailing plants; fruit ornamental, yellow outside, when ripe, bursting open, showing its brilliant carmine interior.
Monkey Flower.....	..	..	..	10	Monkey Flower .—See <i>Mimulus</i> .
Morning Glory.....	..	..	..	5	Morning Glory .—See <i>Convolvulus major</i> .
Mourning Bride.....	..	..	..	5	Mourning Bride .—See <i>Scabiosa</i> .
<i>Mukia scabrella</i>	A	10	sc. fruit.	10	Mukia .—Handsome Climber, with scarlet berries,
Musk Plant.....	..	..	..	..	Musk Plant .—See <i>Mimulus</i> .
<i>Myosotis alpestris cœrulea</i>	hP	½	blue.	5	Myosotis .—Forget-me-not; thrives best in moist and shady situations.
" <i>azorica</i>	hhP	½	dark blue.	10	
" <i>palustris</i>	hP	½	blue.	10	
<i>Myrsiphyllum asparagoides</i>	gP	10	foliage orn.	20	Myrsiphyllum .—Smilax; very graceful climber. Valuable for cutting for bouquets and decorations.
Nasturtium.....	..	..	..	..	Nasturtium .—See <i>Tropæolum</i> .
<i>Nemesia</i>	hA	1	mixed.	10	Nemesia .—Compact growing and immensely profuse flowering.
<i>Nemophilla insignis</i>	"	1	mixed.	5	Nemophilla .—Very pleasing whether arranged in masses, ribbons or borders; of very compact growth and free flowering.
<i>Nicotiana atropurpurea grand</i>	hhA	8	purple.	10	Nicotiana tabacum fol. var. —New, striped leaves.
" <i>tabacum fol. var</i>	"	8	str. leaf.	10	
<i>Nigella damascena, fl. pl.</i>	hA	1½	dark blue.	5	Nigella .—Devil-in-a-bush. N. hispanica .—Love-in-a-mist.
" <i>hispanica</i>	"	1½	purple.	5	
<i>Nolana atriplicifolia</i>	"	1½	mixed.	5	Nolana .—Trailing plants; very useful for rustic work, hanging baskets and rockeries.
Nun's Whipping Post.....	..	..	..	..	Nun's Whipping Post .— <i>Amaranthus melancholicus</i> .
<i>Oenothera grandiflora Lamarckiana</i>	hP	3	yellow.	5	Oenothera .—Evening primrose; large flowers three to four inches in diameter.
Pansy.....	..	..	..	..	Pansy .—See <i>Viola tricolor</i> .
<i>Papaver carnation double</i>	hA	2	mixed.	5	Papaver .—Poppy; brilliant flowers, large and showy.
Peas, Sweet.....	..	..	..	..	Peas, Sweet .—See <i>Lathyrus odoratus</i> .
<i>Pentstemon hybridus</i>	hP	2	mixed.	25	Pentstemon .—Herbaceous plants; start in hot-bed, in shape the flowers resemble the <i>Gloxinia</i> , and are of great beauty.
<i>Perilla nankinensis</i>	hhA	2	foliage orn.	5	Perilla .—Invaluable for contrasting with silver-leaved bedding plants; bronzy purple.
<i>Petunia grandiflora Kermesina</i>	hhP	2	crimson.	25	Petunia grand. kermesina .—With white throat; very large. P. grand. maculata .—Large flowering; blotched. P. grand. purpurea .—Fine dark varieties; splendid. P. splendid single .—Saved from the choicest flowers; very large. P. extra fine .—Double.—The seed of this strain has been obtained from the most perfect double blooms only.
" <i>maculata Inimitable</i>	"	2	blotched.	25	
" <i>purpurea</i>	"	2	purple.	25	
" <i>splendid single</i>	"	2	mixed.	25	
" <i>extra fine, double</i>	"	2	"	50	
" <i>fimbriata, splendid mixture, fringed varieties</i>.....	..	..	..	..
<i>Petunia hybrida, extra fine</i>	hhP	2	mixed.	10	Petunia grand. fim. splendid mixture, fringed varieties .
" <i>grandiflora fimbriata, fl. pl., splendid mixture</i>	"	2	mixed.	50	
<i>Petunia hybrida, first quality</i>	"	2	"	10	
" <i>nana, compacta multiflora</i>.....	..	..	..	10	Petunia hyb. grand. fimbriata, double splendid mixture .
" <i>nyctaginiflora</i>	hhP	2	white.	5	Petunia n. com. mult.
Phlox Drummondii	hA	1	finestmix'd	5	Phlox .—Excellent for bedding in masses or for borders, flowering in great profusion.
" <i>alba</i>	"	1	white.	5	Alba aculata .—White, with purple eye.
" <i>alba oculata</i>	"	1	wht. & pur.	5	Atropurpurea .—Black warrior, deep blood purple. Coccinea .—Brilliant scarlet. Leopoldi .—Bright rose, white eye.
" <i>coccinea</i>	"	1	scarlet.	5	
" <i>Radowitzki</i>	"	1	rosestriped	5	Radowitzki .—Rose striped. Queen Victoria .—Blue, white eye.
" <i>Leopoldi</i>	"	1	rose & wht.	5	
" <i>Queen Victoria</i>	"	1	blue & wht.	5	
Poppy.....	..	..	..	..	Poppy .—See <i>Papaver</i> .
Poor Man's Weather Glass.....	..	..	..	..	Poor Man's Weather Glass .—See <i>Anagallis</i> .
<i>Portulaca</i> finest single.....	hA	½	mixed.	5	Portulaca .—Beautiful showy annuals, blooming all summer long, delightful in a sunny situation. Most desirable for exposed lawn borders and masses. Excellent for rockeries—the double varieties are unsurpassed for brilliancy of color. It is noticeable that a bed of <i>Portulacas</i> will
" <i>grandiflora d'ble, ex. qual</i>	"	½	"	15	

NAME.	Hardiness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Portulaca.....	.....	..	.....	..	seed itself for a number of years in succession, being naturally adapted to our climate.
Primula sinensis.....	hhP	¾	mixed.	25	Primula.—Should be sown in under glass in February and March, although many follow the English custom of sowing in July and August, but which proves to be less successful in this country. Our seed is raised by the most renowned growers in England, and have always given the best satisfaction.
“ “ fimbriata.....	“	¾	“	50	
Pyrethrum parthenifolium aurea.....	hP	1	foliage yel.	10	Pyrethrum.—Golden Feather, or Feverfew. P. fol. lac.—Splendid acquisition with elegant lacinated foliage.
“ Golden Feather.....	hP	1	foliage yel.	10	
“ parth. aurea fol. laciniatis.....	hP	1	foliage yel.	20	
Quaking Grass.....	.....	.....	.....	5	Quaking Grass.—See Briza.
Ragged Robin.....	.....	.....	.....	5	Ragged Robin.—See Lychnis.
Reseda odorata.....	hA	1	buff.	5	Reseda.—Mignonette Sweet. R. ameliorata is a large flowered variety and of pyramidal growth, esteemed very highly.
“ “ ameliorata.....	“	..	red.	5	
“ “ “ Golden Queen.....	“	..	yellow.	10	
“ “ Miles' New Spiral.....	hA	1½	buff.	10	Miles' New Spiral very profuse flowering, bearing flowers in spiral spikes from 8 to 15 inches in length and delightfully odorous.
“ gigantea pyramidalis.....	“	2	“	10	
“ Parson's New White.....	“	1½	white.	10	
Rhodanthe maculata.....	hhA	1	crimson.	10	
“ alba.....	“	1	white.	10	
Ricinus borboniensis arboreus.....	“	15	orn. fol.	5	Ricinus.—Castor Oil Bean. A robust, stately growing, ornamental foliage plant, whose immense leaves render it an object of universal admiration. Excellent for centre plants in large beds where a sub-tropical effect is desired.
“ giganteus glaucus.....	“	10	“	5	
“ Gibsoni.....	“	8	“	5	
“ sanguineus (Obermanni).....	“	10	“	5	
“ species from the Philippines.....	“	10	“	5	
“ dwarf rose.....	“	4	“	5	
Rose Campion.....	.....	.....	.....	5	Rose Campion.—See Agrostemma.
Rose of Heaven.....	.....	.....	.....	5	Rose of Heaven.—See Viscaria.
Rose of Sharon.....	.....	.....	.....	5	Rose of Sharon.—See Hibiscus.
Salpiglossis variabilis, fine mixed.....	hhA	2	mixed.	5	Salpiglossis.—Highly ornamental; flowers are funnel-shaped, and beautifully and curiously marbled and penciled.
Salvia coccinea splendens.....	hhA	2	scarlet.	10	Salvia.—Brilliant and exceedingly useful for back-ground bedding purposes. S. splendens is truly magnificent, being literally covered with gorgeous scarlet blossoms, and remaining in bloom very late.
“ splendens.....	hhP	3	“	25	
“ patens.....	“	2½	blue.	25	
“ argentea.....	hhA	..	silver.	25	
Sanvitalia procumbens, fl. pl.....	hA	½	yellow.	5	Sanvitalia.—Flowers bright yellow and very double.
Saponaria.....	“	½	mixed.	10	Saponaria.—Immensely profuse blooming annuals, producing masses of minute cross-shaped rose and white flowers.
Scabiosa atropurpurea major.....	hA	2	fine mixed.	5	Scabiosa.—Mourning Bride, or Sweet Scabiosa. S. atro. cand.—Excellent for cutting for bouquets.
“ atro. candidissima.....	“	1	pure white.	10	
“ minor, fl. pl.....	“	1	fine mixed.	10	
Schizanthus, finest.....	hA	1	mixed.	5	
Sedum coraleum.....	“	¾	blue.	10	Sedum.—Stone crop.
Senecio double.....	“	1	finestmix'd	10	Senecio.—Jacobaea.
“ “ dwarf.....	“	½	“	10	
Sensitive Plant.....	.....	.....	.....	5	Sensitive Plant.—See Mimosa.
Silene armeria.....	hA	2	fine mixed.	5	Silene.—Catch-fly.—Dwarf compact growing edging plants, literally covered with blossoms.
Smilax.....	.....	.....	.....	..	Smilax.—See Myrsiphyllum.
Snapdragon.....	.....	.....	.....	..	Snapdragon.—See Antirrhinum.
Solanum capsicarium.....	hhP	..	sc. fruit.	10	Solanum capsicarium.—Jerusalem Cherry.
“ Lobeli.....	“	..	“	10	
Statice sinuata hybrida.....	hP	1	mixed.	5	Statice.—Purple and yellow flowers, remaining a long time in a good condition after being cut; valuable for winter bouquets.
Stipa pennata.....	hP	2	.....	5	Stipa.—Feather Grass.
Stocks, ten weeks (Mathiola).....	.....	.....	.....	..	Stocks, Ten Weeks, or Gilliflower.—This is one of the most popular flowers cultivated whether for borders, masses, hanging baskets or pot culture. Its bright colors and spicy fragrance render it an object of universal admiration.
“ double dwarf German.....	hhA	1½	mixed.	5	
“ “ “ large flowering.....	“	1	“	10	
“ “ “ “.....	“	1	pure white.	10	
“ “ “ “.....	“	1	purple.	10	
“ “ “ “.....	“	1	dark crim.	10	
“ “ “ “.....	“	1	scarlet.	10	
“ “ “ “.....	“	1	canary yel.	10	
“ large flow'ing pyramidal dwarf.....	“	1	mixed.	10	Double Dwarf; have very compact spikes of flowers and throw out many side shoots. The Large-Flowered are very similar, only the flowers are larger.
“ Winter, or Brompton.....	hB	2	“	10	
“ Emperor, or Perpetual.....	hhP	1½	“	10	

NAME.	Hardness and Duration.	Height, Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
Sunflower.....	..	..	..	..	Sunflower.—See Helianthus.
Swan River Daisy.....	..	..	..	..	Swan River Daisy.—See Brachycome.
Sweet Alyssum.....	..	..	..	..	Sweet Alyssum.—See Alyssum.
Sweet Pea.....	..	..	..	..	Sweet Pea.—See Lathyrus.
Sweet Rocket.....	..	..	..	..	Sweet Rocket.—See Hesperis.
Sweet Sultan.....	..	..	..	..	Sweet Sultan.—See Centaurea.
Sweet William.....	..	..	..	..	Sweet William.—See Dianthus.
Tagetes double African.....	hhA	2	mixed.	5	Tagetes.—Mangold; good old-fashioned flowers, very popular.
“ French.....	“	1½	..	5	..
“ signata pumila.....	“	1	br. & yel.	5	..
Tassel Flower.....	..	..	..	..	Tassel Flower.—See Calacia.
Thunbergia, finest.....	hA	6	mixed.	5	Thunbergia.—Rapid, free-blooming climbers, flowers buff, orange and white.
Trifolium suaveolens.....	“	2	..	5	Trifolium.—Sweet scented clover.
Trichosanthes coccinea.....	hhA	4	mixed.	10	Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful.
Tritoma uvaria.....	hP	4	orange red	10	Tritoma.—Red-hot-poker plant.
Tropæolum canariense.....	hhA	10	yellow.	10	Tropæolum Canariense.—Canary-bird Flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber.
“ Lobianum Brilliant.....	“	6	dark scar.	10	T. Lobb. are very ornamental climbers, useful alike in the greenhouse, parlor or garden; constant bloomers.
“ Crown Prince of Prussia.....	“	6	blood red.	10	T. Majus is the tall growing Nasturtium; very serviceable for garden culture, as they withstand almost the most excessive drought; very free flowering, and vigorous growing climbers.
“ Giant des Batailles.....	“	6	carmine.	10	T. Tom Thumb, are suitable to be grown in clumps, masses, or alone, and will produce the most pleasing effect. The kinds catalogued are those of most recent introduction, and form an assortment of unqualified excellence. Great pains have been taken to have all our varieties true to name, and we recommend them very highly.
“ Lilli Smith.....	“	6	crimson.	10	..
“ Napoleon III.....	“	6	ver. striped	10	..
“ Lucifer (very rare).....	“	6	cri. dk. fol.	10	..
“ Roi des Noirs.....	“	6	almost blk.	10	..
“ Spitfire.....	“	6	bright scar.	10	..
“ finest varieties.....	“	6	mix. colors.	5	..
“ majus atropurpureum.....	“	6	black bro'n	10	..
“ coccineum.....	“	6	scarlet.	10	..
“ luteum.....	“	6	yellow.	5	..
“ regelianum.....	“	6	pur. violet.	10	..
“ cœruleo roseum.....	“	6	d. rose.	10	..
“ majus, finest varieties.....	hhA	6	mixed.	5	..
“ Tom Thumb, Carter's scarlet.....	hA	1	scarlet.	10	..
“ Crystal Palace Gem.....	“	1	sul. col. spt.	10	..
“ King of Tom Thumbs.....	“	1	dp. scarlet.	10	..
“ King Theodore.....	“	1	very dark	10	..
“ Pearl.....	“	1	nearly wht.	10	..
“ Ruby King (new).....	“	1	carmine.	10	..
“ luteum.....	“	1	bright yel.	10	..
“ cœruleo roseum.....	“	1	mar. tint.	10	..
Venus' Looking Glass.....	..	..	..	..	Venus' Looking Glass.—See Campanula speculum.
Verbena hybrida, choice named col's.....	hhP	..	mixed.	15	Verbena Candidissima, New.—With immense trusses of flowers of the purest white; best for sale plants. V. Striata.—Italian carnation-like striped, very choice.
Veronica syriaca.....	hhA	½	blue & wht.	5	Veronica.—Highly esteemed for edgings, rockeries, or pot plants.
“ fl. albo.....	“	½	white.	5	..
Vinca rosea.....	g sh.	2	rose.	10	Vinca.—If sown early, in the house, will blossom same season; very bright shining green foliage, flowers are delightfully pleasing.
“ alba.....	g sh.	2	white.	10	..
Viola tricolor maxima, Pansy, finest.....	hP	½	mixed.	5	Viola, Pansy.—Start early in March, in the house, if no greenhouse is convenient, a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out doors. Pinch off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest pansies possible to grow.
“ “ “ very large flow'g.....	“	½	..	5	..
“ “ “ candidissima.....	“	..	..	..	..
“ “ “ Snow Queen.....	“	..	white.	20	..
“ Emperor William.....	“	½	deep blue.	10	..
“ Faust, or King of the Blacks.....	“	½	coal black.	10	..
“ Odier, or five blotched.....	“	½	various.	10	..
“ Gold-margined.....	“	½	mer. with y	10	..
“ Violet color margined.....	“	½	mar. with w	15	..
“ White Treasure.....	“	½	pure white.	15	..
“ Yellow.....	“	½	pure yel.	15	..
“ good quality.....	“	½	mixed.	5	..
“ odorata. The Czar (Violet).....	“	½	blue.	25	..
Viscaria hybrida splendens.....	hA	1-2	mixed.	5	Viscaria.—Flowers maroon, pink, carmine and rose.
Waitzia grandiflora.....	hA	1	yellow.	20	Waitzia.—Everlasting flowers; very desirable for winter bouquets.
Wall Flower.....	hhP	1½	mixed.	10	Wallflower.—Cheiranthus.
Whitlavia grandiflora alba.....	hA	1½	white.	5	..
“ “.....	“	1½	purple.	5	..
Wigandia caracasana.....	hhS	8	or. leaf.	10	Wigandia.—Elegant, stately, ornamental plants.
“ vigieri.....	“	8	“	10	..

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Xeranthemum</i>	hA	2	mixed.	10	<i>Xeranthemum</i> — Everlasting flowers, useful for summer or winter bouquets.
<i>Zea Japonica</i>	"	6	strip'd leaf.	5	<i>Zea Japonica</i> —See Maize.
<i>Zinnia elegans fl. pl.</i>	Ahh	2	mixed.	5	<i>Double Zinnia</i> — Of great beauty and very desirable for grouping or mixed borders; flowers of carmine, white, crimson, orange and purple flowers.

ORNAMENTAL GRASSES.

All of these varieties are exceedingly graceful, and very useful in making winter bouquets and various designs for winter decorations. Should be cut before they are entirely matured and hung up in bunches until perfectly dry.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Agrostis nebulosa</i>	hA	1	.....	5	<i>Avena</i> —Animated Oats.
<i>Avena sterilis</i>	"	2	.....	5	<i>Briza</i> —Quaking Grass.
<i>Briza compacta</i>	"	1	.....	5	<i>Coix lacrymus</i> —Job's Tears.
" <i>maxima</i>	"	1	.....	5	<i>Eragrostis</i> —Love Grass.
<i>Bromus briziformis</i>	"	1	.....	5	<i>Erianthus</i> —Beautiful and very showy.
<i>Coix lacryma</i>	"	1½	.....	5	<i>Gyncrium</i> —Pampas Grass.
<i>Eragrostis elegans</i>	"	1	.....	5	<i>Stipa</i> —Feather Grass.
<i>Erianthus</i>	hP	10	.....	10	<i>Zea</i> —Japanese Maize (striped leaves).
<i>Gymnothrix latifolia</i>	hhP	8	.....	5	
<i>Gyncrium argenteum</i>	hP	8	.....	5	
<i>Stipa pennata</i>	hA	1½	.....	5	
<i>Zea Japonica</i>	"	6	.....	5	

CLIMBING VINES, ORNAMENTAL GOURDS, &c.

NAME.	Hardness and Duration.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Abobra viridiflora</i>	hhP	6	green.	5	<i>Abobra</i> —Ornamental Gourd, with elegant foliage and scarlet fruit.
<i>Adlumia cirrhosa</i>	hB	15	pink.	10	<i>Adlumia</i> —Mountain Fringe.
<i>Aristolochia siphio</i>	"	20	yel. & bro.	10	<i>Aristolochia</i> —Dutchman's Pipe.
Beans.....	hA	15	various.	5	<i>Beans</i> —Scarlet and White Runners.
<i>Bryonopsis erythrocarpa</i>	hhA	5	red.	10	<i>Bryonopsis</i> — Ornamental Gourd, striped, beautiful.
Balloon Vine.....	"	5	.....	10	<i>Balloon Vine</i> .
<i>Calampelis scabra</i>	"	10	orange.	5	<i>Calampelis</i> —Excellent for trellises.
Canary-bird-flower.....	"	10	yellow.	10	<i>Canary-bird-flower</i> — See <i>Tropæolum</i>
<i>Cardiospermum halicacabum</i>	"	10	white.	10	<i>canariense</i> .
<i>Clematis</i>	hP	10	mixed.	10	<i>Cardiospermum</i> —Balloon Vine.
<i>Cobaea scandens</i>	hhA	20	purple.	10	<i>Coccinea</i> —Ornamental Gourd with scarlet fruit.
<i>Coccinea indica</i>	hhP	6	red.	10	<i>Convolvulus</i> —Morning Glory.
<i>Convolvulus major</i>	hhA	10	mixed.	10	<i>Cucumis</i> —Ornamental Cucumber.
" <i>mauritanicus</i>	hP	trail	blue.	15	<i>Cucurbita</i> —Ornamental Gourds, very desirable for screens.
<i>Cucumis</i>	hhA	10	mixed.	10	
<i>Cucurbita</i>	"	10	.....	5	
" <i>Hercules' Club</i>	hhA	16	yellow.	5	
" <i>Mock Orange</i>	"	16	"	5	
" <i>Powder Horn</i>	"	16	"	5	
" <i>Smallest Lemon</i>	"	6	"	5	
" <i>Gooseberry</i>	"	6	"	5	
" <i>Pear-shaped</i>	"	6	"	5	
<i>Cypress Vine</i>	"	10	.....	5	<i>Cypress Vine</i> — <i>Ipomea quamoclit</i> .
<i>Dolichos lablab, Hyacinth Bean</i>	hA	10	purple.	5	
".....	"	10	white.	5	
<i>Ipomæa bona nox</i>	hhA	10	.....	5	<i>Ipomæa bona nox</i> —Evening Glory. I.
" <i>coccinea</i>	"	10	scarlet.	5	<i>coccinea</i> —Stai <i>Ipomea</i> . I. marmo.
" <i>marmorata grandiflora</i>	"	10	variegated.	5	<i>grand</i> —Variegated Morning Glory.
" <i>quamoclit Cypress Vine</i>	"	10	mixed.	5	<i>I. quamoclit</i> — <i>Cypress Vine</i> .

NAME.	Hardness and Durat.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Ipomæa quamoclit</i>	hhA	10	scarlet.	5	
" ".....	"	10	white.	5	
" ".....	"	10	rose.	5	
<i>Maurandia barclayana</i>	hhP	10	blue & wht.	10	
" finest colors.....	"	10	mixed.	10	
<i>Momordica balsamina</i>	hhA	10	yellow.	5	
<i>Nasturtium</i> Tall, finest colors.....	"	6	mixed.	5	<i>Nasturtium—Tropæolum majus.</i>
" ".....	"	6	scarlet.	10	
" ".....	"	6	rose tinted.	10	
" ".....	"	6	violet.	10	
" ".....	"	6	yellow.	5	
Peas, Sweet, finest colors.....	hA	9	mixed.	5	Peas, Sweet—See <i>Lathyrus odoratus.</i>
" Capt. Clarke.....	"	9	tricolor.	5	
" Crown Princess of Prussia.....	"	9	blush.	5	
" Invincible.....	"	9	scarlet.	5	
" Red.....	"	9	dark.	5	
" White Striped.....	"	9	purple.	5	
" ".....	"	9	red.	5	
" Light Blue.....	"	9	purple.	5	
" Pure White.....	"	9	.....	5	
<i>Thunbergia</i>	hA	6	mixed.	5	

EVERLASTING FLOWERS.

The same remarks previously written in regard to Ornamental Grasses are applicable to Everlasting Flowers.

NAME.	Hardness and Durat.	Height. Feet.	Color of Flower.	Per Pkt.	GENERAL OBSERVATIONS.
<i>Acrolinium roseum</i>	hhA	1	rose.	5	
" album.....	"	1	white.	5	
<i>Ammobium alatum</i>	hA	2	"	5	
<i>Gomphrena globosa</i>	hhA	2	red.	5	<i>Gomphrena—Globe Amaranthus.</i>
" ".....	"	2	white.	5	
" ".....	"	2	striped.	5	
" ".....	"	2	mixed.	5	
<i>Helichrysum monstrosum</i>	hA	2	white.	5	<i>Helichrysum—Elichrysum, or Eter-</i>
" ".....	"	2	yellow.	5	<i>nal Flower.</i>
" ".....	"	2	rose.	5	
<i>Rodanthe maculata</i>	hhA	1	"	10	
" alba.....	"	1	white.	10	
<i>Xeranthemum</i>	hA	2	mixed.	5	

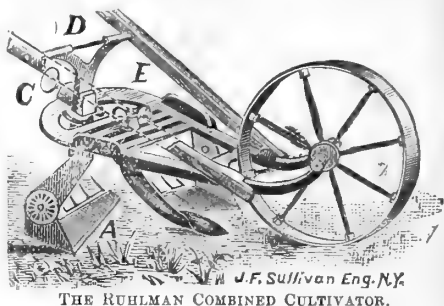
List of Flower Seeds Suitable for Hanging-Baskets, Vases, and Window Boxes.

NAME.	Color of Flower.	Per Pkt.	NAME.	Color of Flower.	Per Pkt.
<i>Ageratum Mexicanum</i>	blue.	5	<i>Mesembryanthemum, Ice Plant</i> ..	mixed.	5
<i>Alyssum, Sweet</i>	white.	5	<i>Mimulus, moschatus, Musk Plant</i> ..	yellow.	10
<i>Anagallis</i>	mixed.	5	<i>Nasturtium, dwarf</i>	mixed.	5
<i>Calandrina umbellata</i>	crimson.	10	" <i>T. lobbianum</i>	"	10
<i>Centaurea gymnocarpa</i>	silver leaf.	15	<i>Nemophila insignis</i>	"	5
" candidissima.....	"	15	" maculata.....	"	5
<i>Clintonia elegans</i>	blue.	15	<i>Nolana atriplicifolia</i>	"	5
<i>Convolvulus mauritanicus</i>	lavender.	15	<i>Petunia single</i>	"	10
<i>Eucharidium grandiflorum</i>	crimson.	5	" double or fringed.....	"	50
<i>Fenzlia dianthiflora</i>	rosy lilac.	25	<i>Portulaca double</i>	"	15
<i>Gilia tricolor</i>	mixed.	5	<i>Sanvitalia procumbens</i>	yellow.	10
<i>Iberis amara (Candytuft)</i>	white.	5	<i>Saponaria</i>	mixed.	10
<i>Linaria (Coliseum Ivy)</i>	mixed.	5	<i>Sedum coeruleum</i>.....	.....	10
<i>Lobelia erinus</i>	blue.	10	<i>Stocks, large flowering</i>	mixed.	10
" gracilis.....	"	10			



One of the very best hand appliances ever introduced for rapid work, we know of no better weeder.

Price prepaid by mail, 30 cents, at our store, 25 cents.

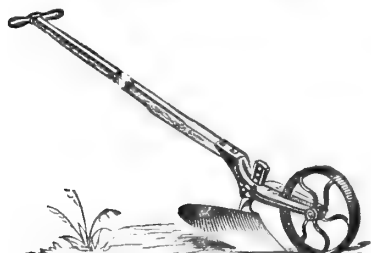


THE JEWEL

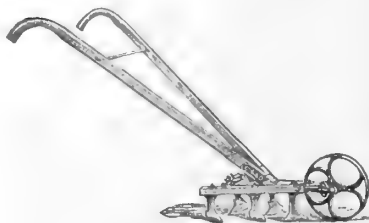
Is the Latest Hand Weeder With Two Wheels, and has All the Teeth Attachments necessary to do any kind of Weeding. Price \$4.50.



THE GEM
Is the Best One-Wheel
Hand Cultivator in Use.
Price \$4.00.



FIREFLY WHEEL PLOW, \$2.50.



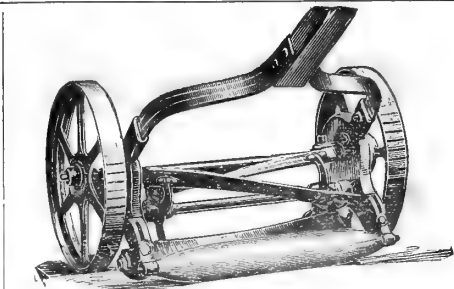
Price \$4.00.

We carry in Stock a full line of Weeding Tools nearly every description used by Market Gardeners and Florists. Look us over when in the city.



—NEW—
"Easy" Lawn Mower.

The Leading Mower in the Market. Front Cut, Open Steel Roller Traction. The only Mower that will cut narrow borders and close to walls and fences.



FRISBIES NEW LION.

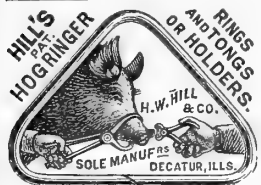
—FOR—

SIDE DRIVE LAWN MOWERS

—WE SELL THE—

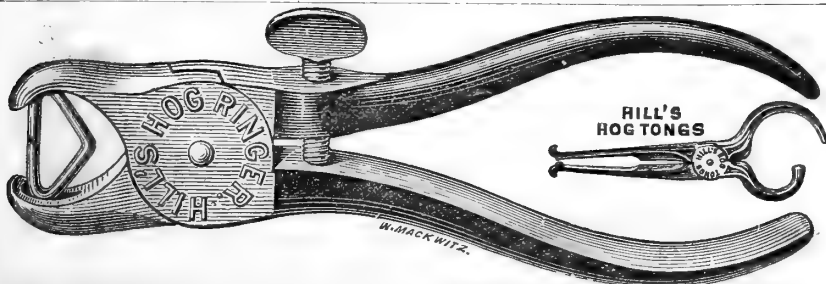
GARDEN CITY, "THE LION," NEW, BAY STATE, GRANITE STATE, PHILADELPHIA and BOSTON.

These are Lawn Mowers that will do any ordinary mowing, are durable and easy running, and can be sold for a less price than the "Easy." We will place one on any lawn in competition with any other named lawn mower, subject to the approval of the operator. *Satisfaction guaranteed or no sale.* **Retail Price as low as any first class Mower.**



Calf Weaner,
 No. 1.....30c.

Cow Weaner,
 No. 2.....40c.



The Price of HILL'S HOG RINGS, RINGING TOOLS, &c., have been reduced for 1890.

LEWIS'S COMBINATION FORCE PUMP.

PRICE \$4.00.

Lewis' Improved Potato Bug Exterminator.



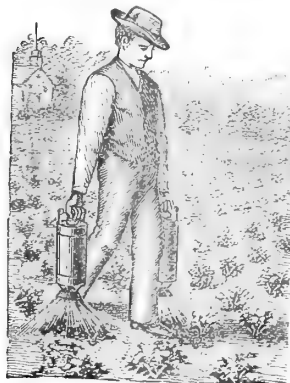
PRICE \$1.00.



NO. 1 AND 2 BRASS SYRINGES, \$2.25, \$3.50 to 4.50



ACCORDING TO THE EXTRAS WISHED.



THE ECLIPSE VINE AND PLANT SPRINKLER.

(Patented Oct. 26, 1886, and Improved for 1888.)

A New and Valuable Improved Water Sprinkler,
with Sifter Attachment,

Especially adapted for applying Paris Green
Water or Paris Green Powder Compounds, Plas-
ter, Ashes, Etc., to Potato Vines and Other Plants.

THE ECLIPSE SPRINKLER is now time-tried
(over 30,000 in use) and thoroughly recommended
as a universal necessity.

Price complete for Water and Plaster, \$1.50.
Water only, 1.25.

(Three dozen, crated, weigh about 100 pounds.)

THE FARMER'S FAVORITE POTATO BUG EXTERMINATOR

Is a perfect duster to use Paris Green and Plaster, or any
Powder, Slug Shot, Etc.

We furnish full directions for use with every Exterminator.



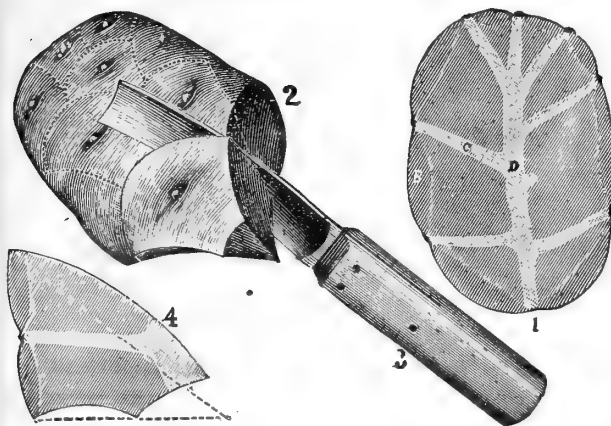
Adjustable Corn Husker.

By Mail, 15 cents;
Two, 25 cents.



TO GROWERS OF POTATOES!

The Concave and Curved Seed Potato Knife.



It may be worth hundreds of dollars to you if you will carefully read this and examine the cut.

In making experiments, as per cut No. 1, use a thin, sharp, straight knife, and make a drawing cut. The feeders will show every time.

The combination of Figs. 2 and 3 shows the position of the knife when cutting to one eye.

Price by mail or otherwise, 30 cents.

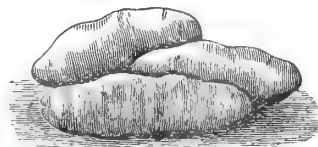
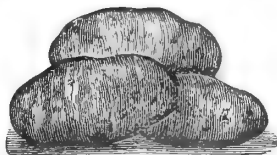
It Has Been Proven Conclusively
that Potatoes Cut to Single Eye give the
Largest and Best Results.

THE LIGHTNING POTATO EYE CUTTER,

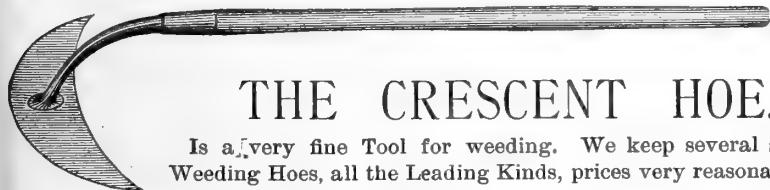


does the work many times faster and is more accurate than the knife. It is gauged to cut enough flesh with each eye to strengthen and vitalize it and does the work in a scientific manner. No matter how small a crop you intend to plant, you should use this cutter.

Full Directions,
HOW TO PLANT POTATOES CUT TO ONE EYE,
and valuable points in POTATO CULTURE "by a practical Potato Grower," given with each cutter.
Price 30 CENTS By Mail Post Paid.



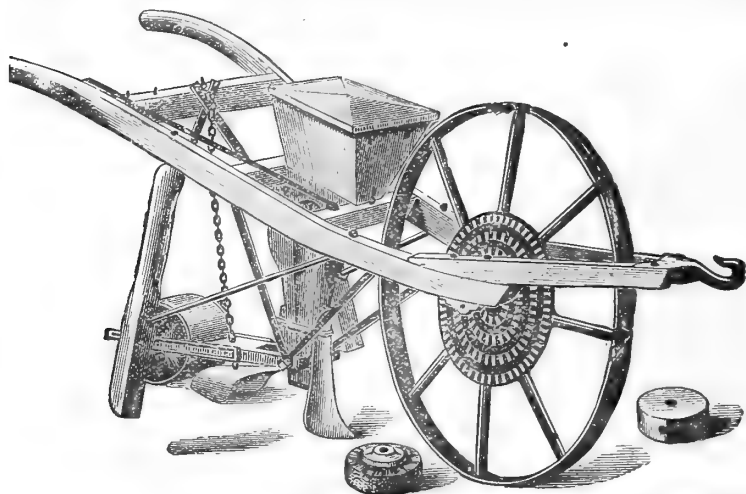
The Earliest Seed Potatoes in this market are the "Sunlit Star," "Early Ohio," "Pearl of Savoy" and "Beauty of Hebron." Place your order early to secure good stock



THE CRESCENT HOE.

Is a very fine Tool for weeding. We keep several sizes of Weeding Hoes, all the Leading Kinds, prices very reasonable.

ALBANY CORN AND SEED PLANTERS.

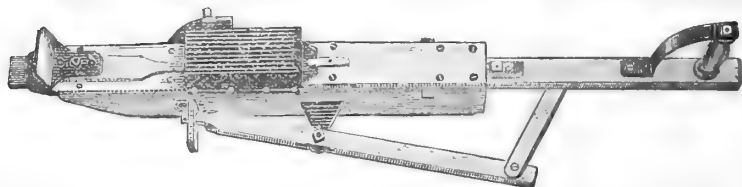


Price \$16.00 like cut, with Fertilizer Attachment \$18.00.

WIARD'S AUTOMATIC HAND CORN PLANTER,
Simple, Durable, Economical. Price, \$2.00.



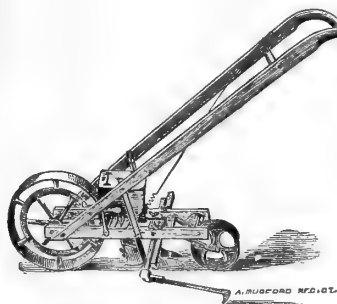
THE CHAMPION CORN PLANTER.



Drops corn and pumpkin seeds perfectly. You can make slides to drop beans, peas, or pop-corn. Price, \$1.75.



THE
Monitor Plunger Planter.
PRICE, \$1.50.



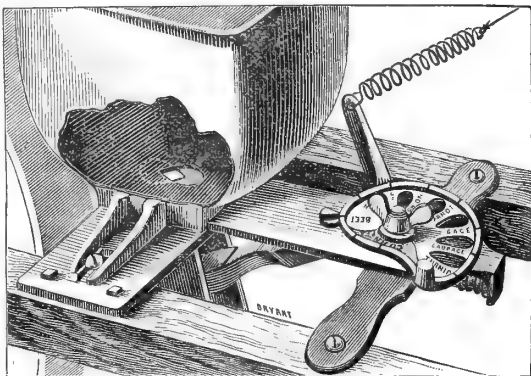
Price, \$8.00.

THE NEW MODEL SEED DRILL.

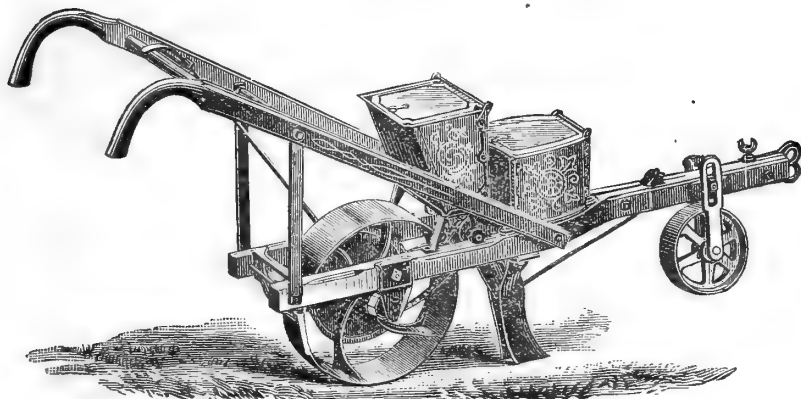
We place the New Model Drill at the head of the list because there is where it properly belongs. This drill contains all the good points of every old drill in the market, with this point in addition: The slide or hole through the slide where all the seeds have to pass, is adjustable, and the size can be changed to a fraction by the operator, thus admitting exactly the quantity of seed required. The hole is diamond shape, as shown in cut below, which is another advantage for rough or irregular shaped seeds. These drills were tested last season by many seedsmen, and every one of them give very flattering testimonials.

INDEX—As shown by enlarged cut the index or indicator is plain, convenient and reliable. It is placed in open sight, immediately under the eye of the operator, and as stated above, can be quickly adjusted to the slightest variation desired. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of references.

CUT-OFF—The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot injure the falling seeds.



Evans's Corn Drill.



The cut above very nicely represents the Evans drill. We have sold several planters working upon the same principle, but none as perfect, simple or desirable as the Evans. With this we use BUT ONE RING to sow different quantities. The changes are made simply by shifting a small cog-wheel on a shaft and securing it to the shaft with a small pin, the same as with the Albany Planter. The fertilizer can be dropped on the dirt over the grain, and is rolled down by a broad wheel, as shown in cut.

Price, all complete, as shown here, - \$20.00.

Size of Creamer to Order.

To determine the size of Creamer required for a dairy of a given number of cows, the following calculation will be found approximately correct, reckoning from the capacity of the cans at 18 quarts each. Some will wish to provide for anticipated increase of their dairy, also for cans to preserve cream:

Dairy of 1 to 3 cows, No. 0 Cr. with 1 can 18 qts.

" 4 to 6 "	" 00 "	" 2 "	" 36 "
" 6 to 9 "	" 1 "	" 3 "	" 54 "
" 9 to 12 "	" 2 "	" 4 "	" 72 "
" 12 to 18 "	" 3 "	" 6 "	" 108 "
" 18 to 24 "	" 4 "	" 8 "	" 144 "
" 24 to 30 "	" 5 "	" 10 "	" 180 "
" 30 to 36 "	" 6 "	" 12 "	" 216 "
" 36 to 42 "	" 7 "	" 14 "	" 252 "
" 42 to 48 "	" 8 "	" 16 "	" 288 "

PRICE LIST OF DAIRY IMPLEMENTS

MANUFACTURED BY

The Vermont Farm Machine Company,
Bellows Falls, Vt.

Goods boxed when necessary and delivered on board of cars at our stations. Freight to be paid by purchaser.

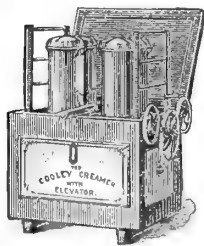
CREAMERS, REGULAR STYLES.

No.	0	with 1 can, size 18 x 23 in., 90 lbs.,	\$18.00
" 00 "	" 2 "	" 19 x 31 "	" 120 "
" 1 "	" 3 "	" 25 x 32 "	" 145 "
" 2 "	" 4 "	" 28 x 38 "	" 175 "
" 3 "	" 5 "	" 28 x 49 "	" 220 "
" 4 "	" 8 "	" 28 x 61 "	" 265 "
" 5 "	" 10 "	" 28 x 72 "	" 320 "
" 6 "	" 12 "	" 28 x 84 "	" 365 "
" 7 "	" 14 "	" 28 x 96 "	" 415 "
" 8 "	" 16 "	" 28 x 107 "	" 450 "

Floating Dairy Thermometers, large.....	\$.50
Combination Strainer, wire and cloth.....	.75
Six Gallon Cream Pail with Faucet.....	2.50
Milk Pail.....	1.00
Combination Strainer Pail, wire and cloth..	1.50

Above prices for Creamers include cans, each can having a glass panel.

Cans hold 18 quarts each; half cans, 9 quarts each.

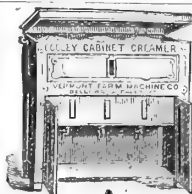


PRICE LIST —OF— CREAMERS WITH ELEVATORS.

No. 0, not furnished.	
" 00, size 21x31.	\$32.00
" 1, not furnished.	
" 2, size 31x37.	\$45.00
" 3, size 31x49.	57.00
" 4, size 31x63.	68.00
" 5, size 31x76.	79.00
" 6, size 31x94.	93.00
" 7, size 31x109	105.00

Price List—"Junior Style."

No. 0.....	\$20.00
" 00.....	26.00
" 1.....	32.00
" 2.....	37.00
" 3.....	48.00
" 4.....	58.00
" 5.....	70.00
" 6.....	80.00



Cabinet Style.

PRICE LIST OF "Cabinet" Style. MOVABLE CANS.

No. 0.....	\$20.00
" 00.....	27.00
" 1.....	33.00
" 2.....	40.00
" 3.....	52.00
" 4.....	64.00
" 5.....	75.00
" 6.....	85.00

Davis Swing Churn

(Patented.)

Also Favorite

BARREL

—AND—

BLANCHARD

CHURNS.

Davis Swing Churn.

PRICE LIST.

No.	1, capacity 7 gals., churn 3 gals. or less	\$ 7.00
" 2, " 10 "	" 5 "	" 8.00
" 3, " 16 "	" 8 "	" 10.00
" 4, " 24 "	" 12 "	" 12.00
" 5, " 30 "	" 15 "	" 15.00
" 6, " 40 "	" 20 "	" 18.00
" 7, " 60 "	" 30 "	" 25.00
" 8, " 80 "	" 40 "	" 30.00
" 9, " 100 "	" 60 "	" 35.00

Iron Y for attaching power, 75 cents extra.
Folding Frames, \$1.00 extra.

PRICE LIST OF

EVAPORATORS.

New Styles.

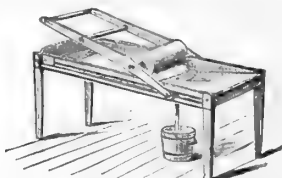
All Metal.

40 in. wide on

Bottom.

Six in. deep.

No.	2, 8 feet long....	Copper. \$70.00	Galvanized Iron \$30.00
" 3, 10 "	85.00	35.00
" 4, 12 "	100.00	40.00
" 5, 14 "	115.00	45.00



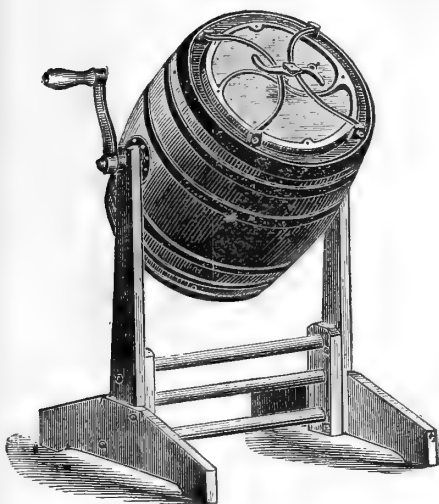
Eureka Butter Worker.

PRICE LIST.

No. 1, Family size, works 8 to 10 lbs.....	\$ 6.00
" 2, Dairy size, " 10 to 22 "	8.00
" 3, " 20 to 40 "	10.00
" 4, " 40 to 60 "	12.00

Nesbitt's Patent Butter Presses—Half, One Pound and Double Press.

The Favorite Churn.



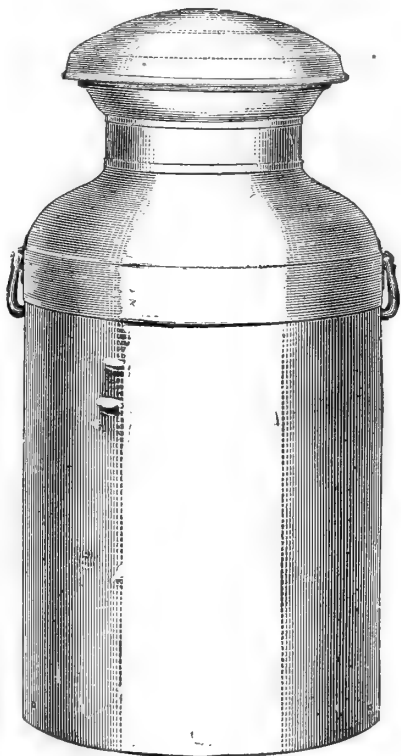
PRICE LIST.

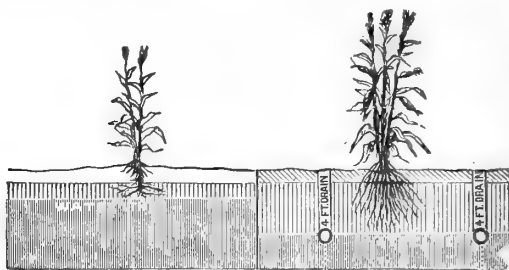
No. 1, 10 gal., will churn,	5 gal.	\$ 6.50
" 2, 15 "	" "	8 " 7.00
" 3, 20 "	" "	10 " 8.00
" 4, 25 "	" "	12 " 10.00
" 5, 30 "	" "	14 " 11.00
" 6, 60 "	" "	30 " 18.00
" 7, 75 "	" "	37 " 20.00
" 8, 90 "	" "	45 " 25.00

Pulleys for power extra, according to size required. The head rim is galvanized iron, the cover rests on a cork lining which is perfectly tight, and the cover never sticks or leaks, like many of the churns similarly formed.

Milk Cans,
Cream Pails,
Pat. Lip Dippers,
Strainer Pails,

With new attachments, etc. Every Can made to order will be stamped with the owner's name and numbered if desired. Every cover warranted to fit perfectly, not liable to fly off or allow the cans to slop over. Milkmen are invited to examine our stock, for we are making a special drive on this first-class work. We have a first-class tinner in our shop and will do repairing in the best manner at a moderate price.





Undrained Soil.

Drained Soil.

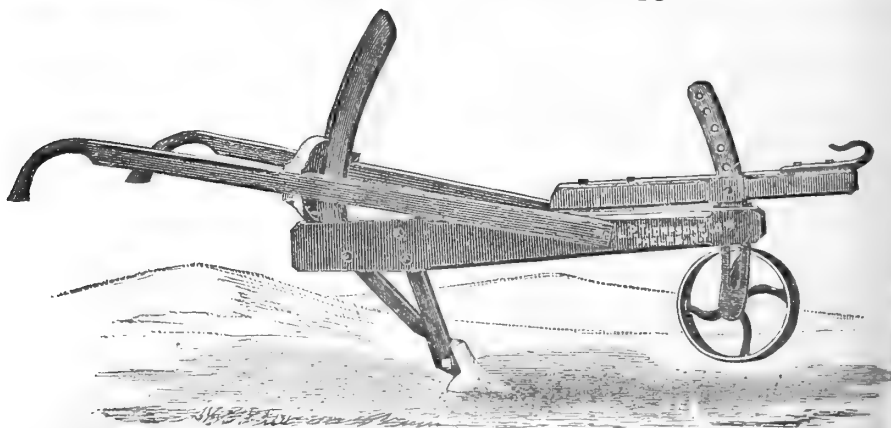
The following Sizes of Tile Always on Hand.

Size.	Weight Each.	Per Thousand.
1½ Inch Rise, Sole Tile.....	2 lbs.	\$ 9.00
2 " " " " " " " " " " " "	3 "	12.00
2½ " " " " " " " " " " " "	4 "	15.00
3 " " " " " " " " " " " "	5 "	20.00
4 " " " " " " " " " " " "	7 "	35.00
5 " " " " " " " " " " " "	9 "	50.00
6 " " " " " " " " " " " "	12 "	70.00
3 " " " Horse Shoe Tile.....	3 "	12.00
3½ " " " " " " " " " " " "	4 "	15.00
4 " " " " " " " " " " " "	5 "	20.00
5 " " " " " " " " " " " "	6 "	30.00
6 " " " " " " " " " " " "	8 "	40.00
Length of Tile.....	14 inches.	

6. The size of the tile may be pretty accurately determined by the amount of surface to be drained and the descent of the drain.

7. If the drain be laid at a distance of 40 feet apart, 64 rods of tile are required to lay one acre; if at a distance of 50 feet apart 52 rods and a fraction will be required, and at a distance of 60 feet apart, 44 rods.

The distance that a drain will draw water on the sides is from 30 to 100 feet, depending upon the depth of the drain and character of the soil.

**DITCHING PLOW.**

We have secured for our farmers in Central New York a very low priced Ditching Plow, one that has both handles and draw hook adjustable and can be changed, "as you see," very rapidly, plowing to the depth of four feet. The ditches can be made with this plow at a cost of from 10 to 12 cents per rod. Hugh Oliver, of Marcellus, N. Y., now using one of these Plows, says he would not be deprived of it for \$50. It is just the Plow for Ditching. Price of Plow complete, \$12.00.

PRACTICAL**Suggestions on Tiling.**

In having a tile drain it is well to strictly adhere to the following rules:

1. The drain should have a sufficient outlet for the discharge of all the water that may pass through it.

2. The drain should be deep enough to drain the widest space possible—from three to four feet—and deeper if necessary to get the water out by a much shorter line; but drain anyway, even if you cannot get outlet to drain so deep.

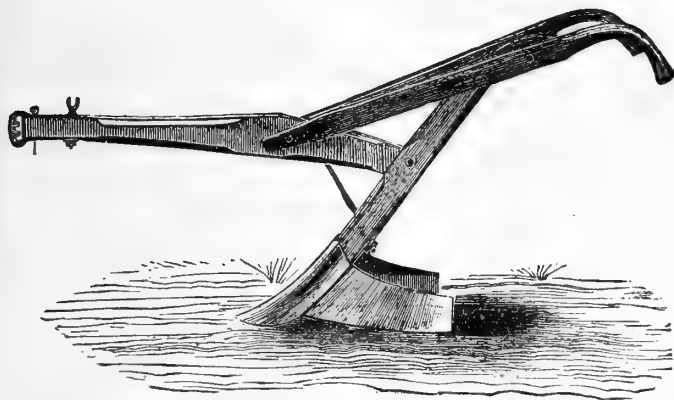
3. The bottom of the drain should be one regular line of descent, so that the current may have a smooth flow from the head to the mouth of the drain.

4. In laying the tile take pains to fit the joints closely, as with all care there will be sufficient space for the inlet of the water, and close joints will prevent the letting in of silt or washings.

5. At the junction of the drains the water should be brought together flowing as near as possible in the same direction, so that the flow of the current may not be obstructed.

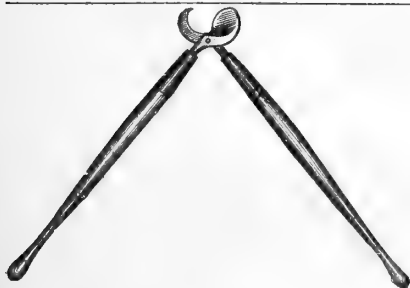
Improved Hinged Winged Shovel Plow.

PRICE \$3.00

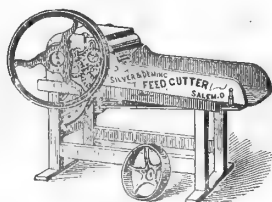


This is the most useful of all hilling tools. It not only does the hilling nicely, but it will furrow out for dropping the potatoes, and can be adjusted to cover them; also used to dig potatoes on some kinds of soil. It can be used to put in sowed corn as well.

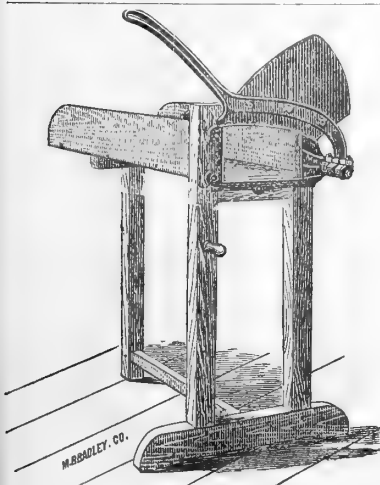
We will send one to any farmer within one hundred miles, freight paid to his depot, on receipt of \$3.50.



Lopping Shears the Finest in the Market.
Price, \$1.00 to \$3.50.



POWER FEED CUTTERS.



"Nonesuch,"
New York and
Belle City Hand Machine.

Daniel's New Power Cutter,

WITH CARRIER OR WITHOUT

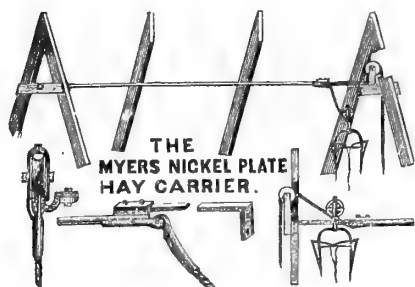
IS THE FINEST POWER CUTTER
WE HAVE EVER HANDLED.

Every Machine Warranted as Represented.

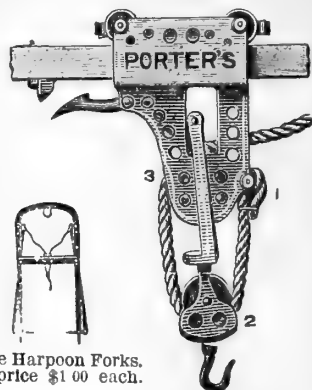
SOLD BY A. D. PERRY & CO.

All Kinds of Feed Cutters, Lowest Market Price.

Headquarters for all Kinds of Barn Fixtures.

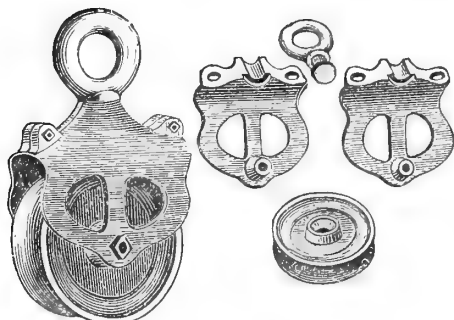


THE
MYERS NICKEL PLATE
HAY CARRIER.



Double Harpoon Forks.
Retail price \$1.00 each.

One-Way Carrier.



Scoville's Center-Bearing Pulley. The best
cast pulley in use. 25c. each.

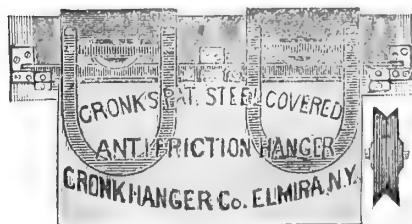


Double Shear Forks.

LEADER & LANES,

And all Varieties of Barn Door Rollers, with all the fixtures
for Barn Doors, etc., Stay Rolls, Lock Hasps, Sliding
Door Locks, Gate Rollers, and Farmers'
Hardware generally, including

Cronks' New Steel Covered Anti-Friction Barn Door Hangers.



(Patented.)

In our Steel Covered Hanger we have
all the desirable features of the Best
Hanger in the market, and with that
we combine the cover for wheels, so NO
ICE OR SNOW can reach the wheels and
making this cover as we do, we stiffen
it so it is the strongest Hanger in the
market, and we believe it is just perfect.
Would be glad to have you try a small
order and satisfy yourself.

HALL'S † REVERSIBLE † CAR

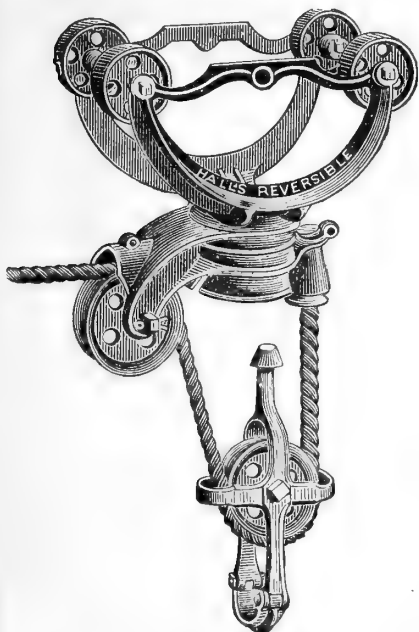
RUNS BOTH WAYS

On the Track

Without Changing.

This car runs on a wooden track 4 x 4, conveniently put up with hangers, and can be made of scantling or boards.

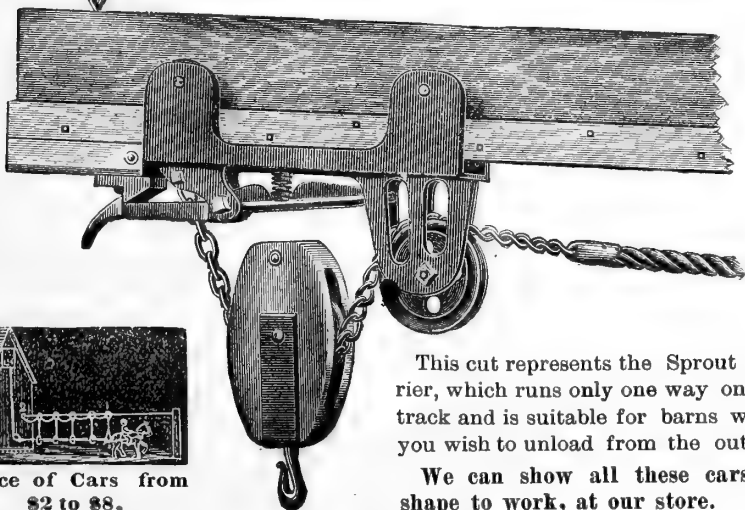
We have also this same style of car that runs on a STEEL FLANGE TRACK.



Double Harpoon Forks

Price \$1.00 each. A liberal discount to the trade.

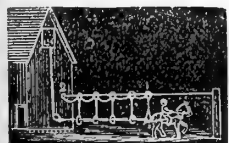
The Sprout Hay Elevator.



This cut represents the Sprout Carrier, which runs only one way on the track and is suitable for barns where you wish to unload from the outside.

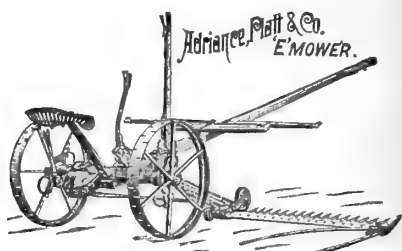
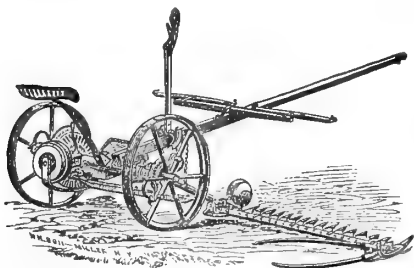
We can show all these cars, in shape to work, at our store.

Pulleys, Hooks, Rope, etc., at lowest Market Price.



Price of Cars from \$2 to \$8,

According to kinds, etc.



"There are many good mowers in the market, but we have never yet found one equal to the **BUCKEYE.**" This is a general remark we hear daily in haying season.



Adriance Encased Gear Mower.

Sizes "E," "F," and "G."

Some of the reasons why the Farmers prefer

Adriance, Platt & Co.'s Mowers to all others.

They are built on correct mechanical principles; have the **only perfect double-jointed Finger Bar**, which adapts itself to every variety of surface.

There is **no downward pressure on the Finger Bar**, but a lifting tendency, when coming out of a ditch or furrow.

They have a Perfect Filter without loose connections or knuckle-joints; cut a swath the full length of the Bar without driving the off-horse in the standing grass.

Are perfectly adjustable to any work.

All weight is utilized for power.

The horses draw directly from the axle, and no weight comes on their necks.

They are the **Lightest Draft**.

They drive from both wheels, and will not clog if you turn either to the right or left while in motion.

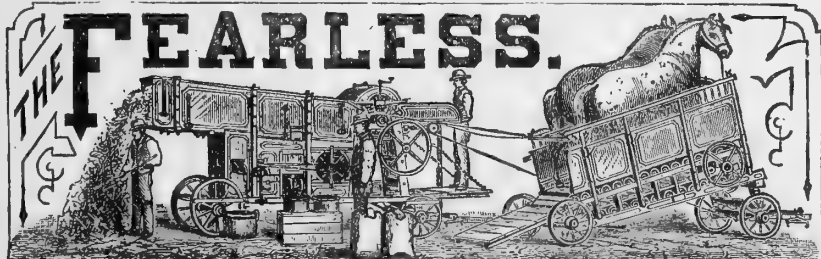
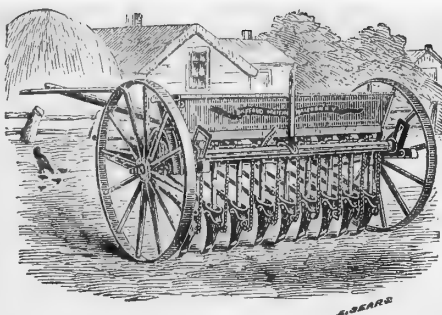
No lost motion to the **Buckeye Mowers**.

For full particulars get a factory circular of,

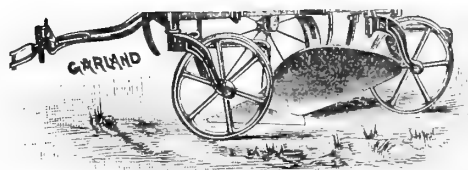
A. D. PERRY & CO., Seedsmen, Syracuse, N. Y

*We keep in stock
all the extras for the
"Empire Drill."*

*We can get you ex-
tras for the "Farm-
ers' Favorite" and
other drills.*



The **only** machine that received an award on both Horse-power and Thresher and Cleaner, at the Centennial Exhibition; was awarded the two last **Gold Medals** given by the New York State Agricultural Society on Horse-powers and Threshers; and is the **only** Thresher selected from the vast number built in the United States, for illustration and description in "Appleton's Cyclopedia of Applied Mechanics," recently published, thus adopting it as the **standard** machine of this country. Buy **the best**. It is **cheapest** in the end. Catalogue sent free.



you to handle our Goods
in your trade at any date
that suits you best.

We will send, free, descriptive
Catalogues and Circulars
upon application to do so.

For Terms, Prices, Descriptive Catalogues, &c.,

ADDRESS,

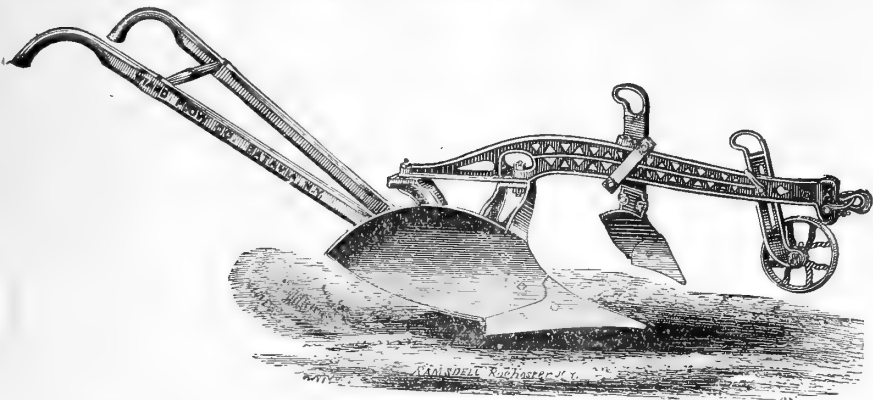
G. T. DRAKE,

ROCHESTER, N. Y.

✉ Send for Descriptive Catalogues and Price Lists. ✉

A. D. PERRY & CO., Agents for Syracuse, N. Y.

WIARD'S CELEBRATED PLOWS.

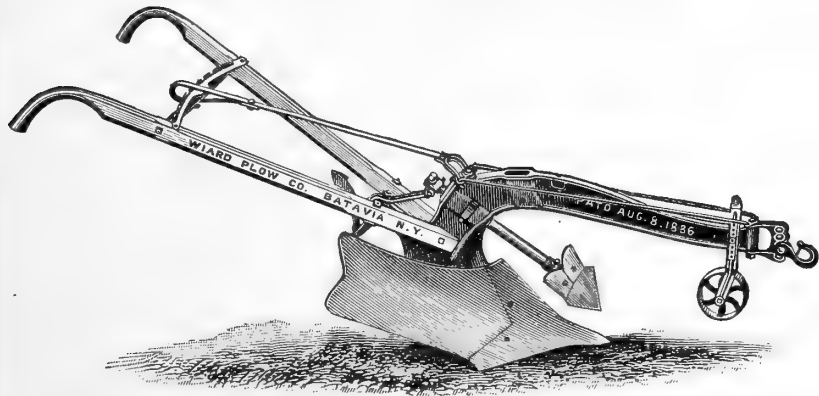


WIARD'S PATENT ADJUSTABLE MALLEABLE IRON BEAM CHILLED PLOW.
Centre Draft. Right Hand.

We have sold their make of Plows for fifteen years with great success; we carry in stock some ten sizes to suit all kinds of soil. We warrant each plow to do first class work when properly adjusted. After a day's trial in the field, if it fails to give satisfaction, notice must be given us, and a day's time given to make it work as represented, failing in which the Plow can then be returned. If used longer than one full day the Plow will then be considered sold. We warrant the Malleable Iron Beams against bending or breaking for one year. We also warrant other Beams, Mold-boards, Landsides, and Wheel and Jointer Standards against breakage, FROM ANY FLAW OR DEFECT IN THEIR MANUFACTURE, during the current year.

WIARD'S NEW SWIVEL PLOW.

A FLAT LAND SWIVEL PLOW.

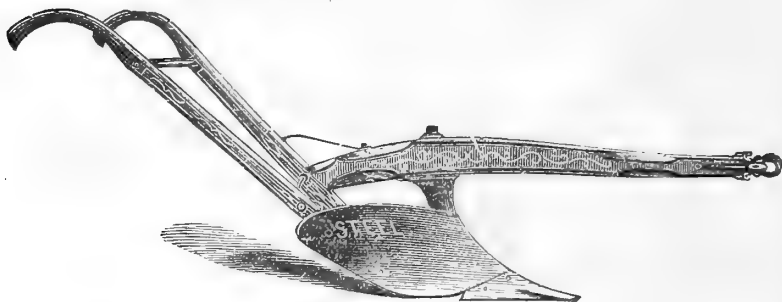


The most perfect Swivel Plow in the market. Light, strong, easy draft, and runs nicely on level ground; as some of our customers express it: "The most perfect swivel plow they ever took hold of."

PLOWS AND PLOW CASTINGS

We are now carrying the largest line of Plows and Castings that can be found in Syracuse. We can supply parts for nearly every Plow in use in this county. If you have an old favorite Plow and want parts, call on us. If you wish to change and get the best running Plow you ever saw, call on us, we can suit any kind of soil. If you are not sure of the name or number of your Plow that parts are wanted for, bring along the old part and we can fit you out with Wiard, Munnsville, Phelps, Dutton, Syracuse, Robinson, etc. Prices reasonable. Half dozen lots special price.

MUNNSVILLE PLOWS.

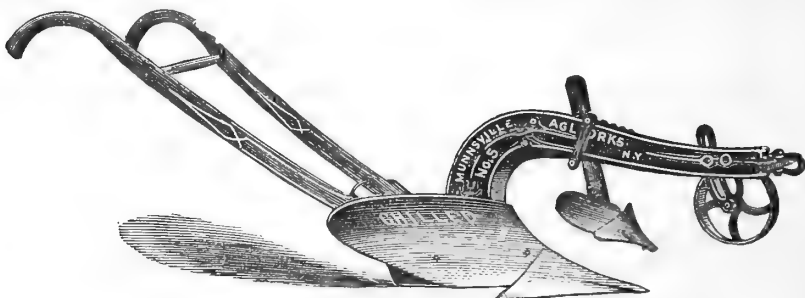


Oneida Valley Clipper, No. 2½.

This cut represents a light one-horse cast steel plow, adapted to plowing hops, corn, nursery and garden. Can be quickly gauged to plow to and from the rows.

Price.—Plain, with Steel Landside, \$9.00; with Clevis, \$10.00.

This cut also represents our No. 2½ chilled plow, which is one of the best one-horse plows in the market. The large increase in the sale of this plow is the best evidence of its superiority. Our 1882 attachment to these plows, with swing beam, makes them the most practical plows in the field.



No. 5, Iron Beam Chilled.

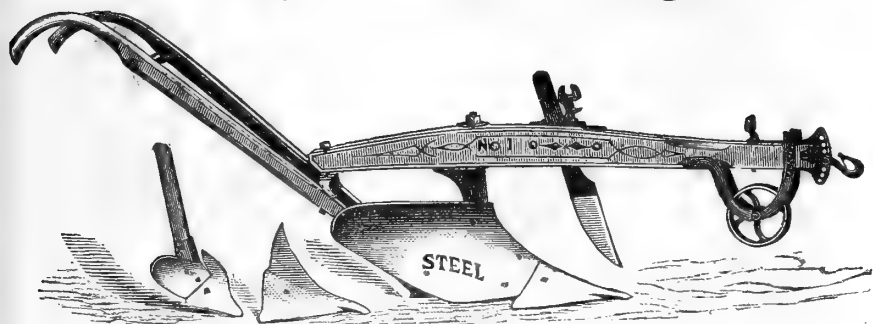
Price.—Plain, \$9.00; with Coulter, \$13.00; with Jointer, \$14.00.

This plow has a chilled iron mouldboard, the same as the No. 5 steel, using the same point and landside. The mouldboard is equal in hardness and polish to any other chilled or composition plow. Those wishing a less expensive plow than the No. 5 steel will do no better than to try one of these. Put them beside any chilled plow in the field and they talk for themselves. All plows furnished with coulter or jointer.



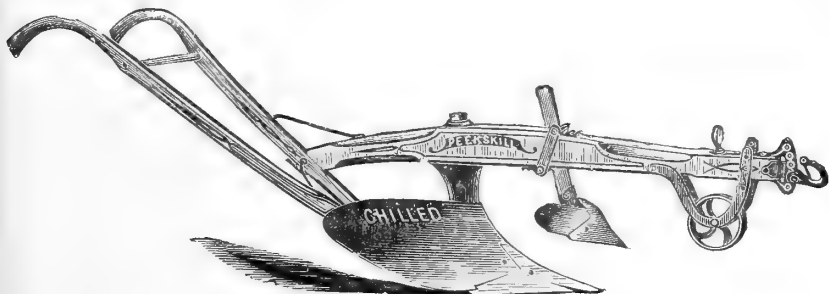
Munnsville Swivel Plow. Price, \$12.00.

MUNNSVILLE PLOWS.



Oneida Valley Clipper, No. 1.

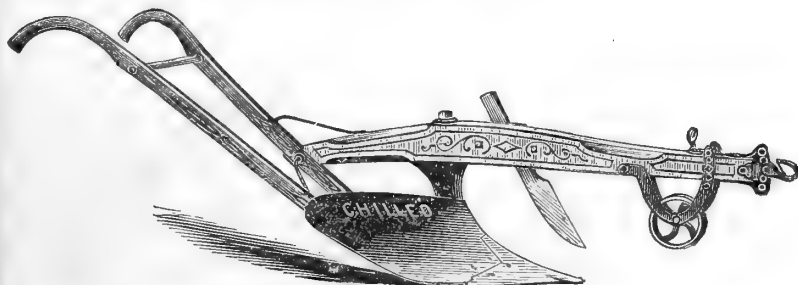
The Oneida Valley Clipper is too well known to need commendation. As an implement for general purposes it has no superior among wood beam plows. It cuts from 12 to 14 inches and to any depth desired. We use the BEST QUALITY of cast steel and perfectly tempered. Made for two or three horses, with or without jointer. If you will give our goods an impartial trial, we have no fears as to the result, and can safely guarantee them as "ahead every time." We make Hard Land Points for this plow. Plain, with cast point and landside, \$11.50. Full trimmed, with coulter, \$16.



Peekskill, No. 21, Chilled Plow.

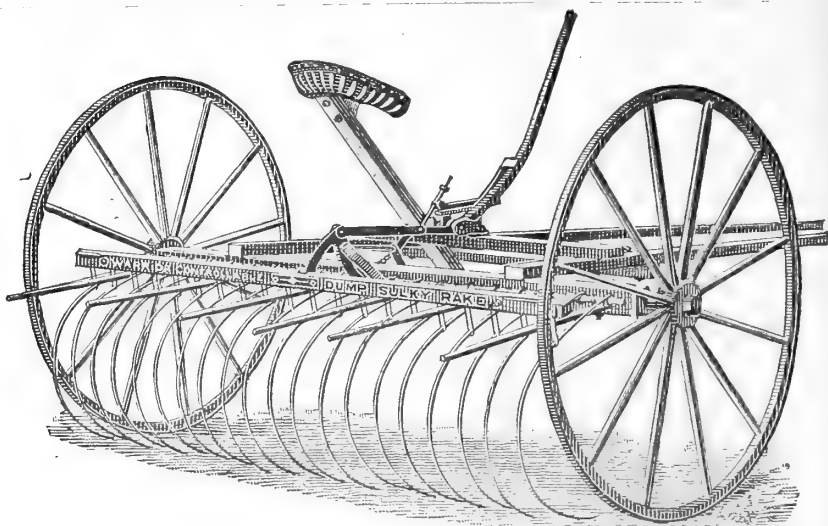
This plow, having stood the test for over thirty years, is still considered one of the best plows in the market. As a stubble and general purpose plough it undoubtedly has no superior, if any equal. We are bolting the chilled mouldboard on this plow, same as the steel.

Price—Plain, \$9; Full Trimmed, \$12; with Jointer, \$13.

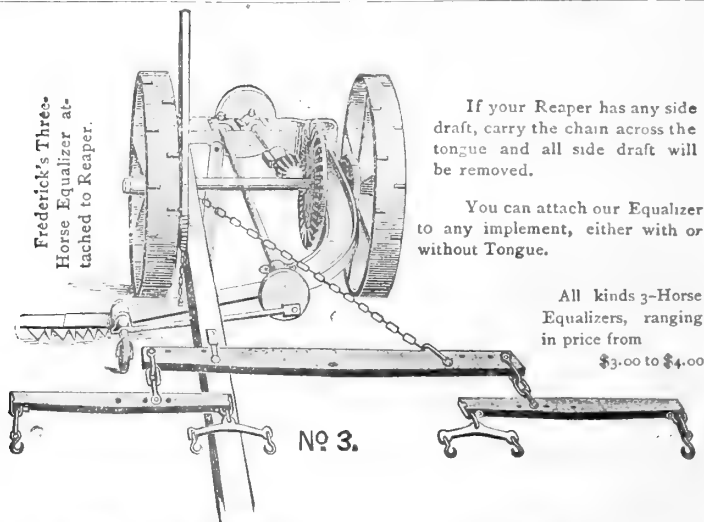


Excelsior, No. 9, Chilled.

The Excelsior Plows are too favorably known in most sections to need any recommend. The Chilled Mouldboards are bolted on the Shank or Standard, the same as the Steel. For a general purpose Plow, it is among the best. Points and Landsides fit the old style and Chilled alike.



WHEEL RAKES { The "National," twenty-two teeth.....Price, \$28.00
 The "Taylor," No. 4, twenty teeth....." 25.00



Frederick's Three-
Horse Equalizer at-
tached to Reaper.

If your Reaper has any side draft, carry the chain across the tongue and all side draft will be removed.

You can attach our Equalizer to any implement, either with or without Tongue.

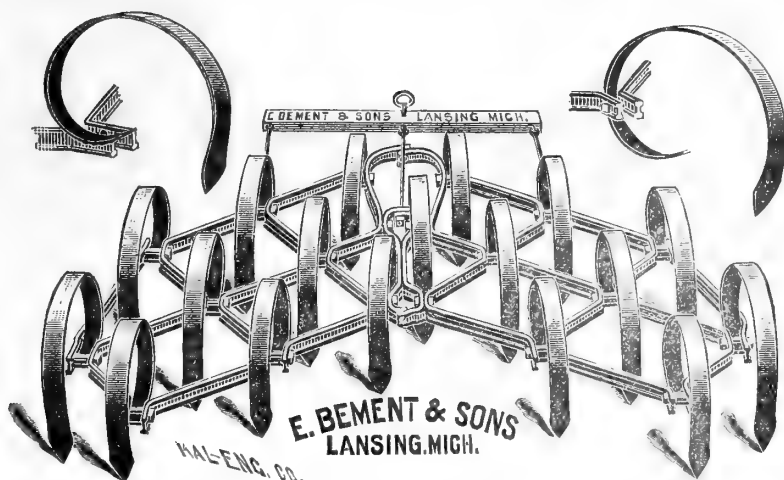
All kinds 3-Horse
Equalizers, ranging
in price from
\$3.00 to \$4.00



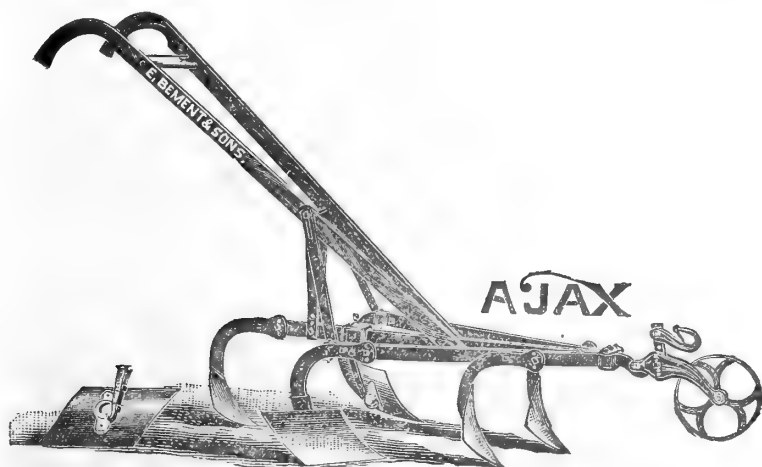
WIRE CLOTH FOR POULTRY FENCES. See page 73.

"STEEL KING."

The greatest advance in Spring Tooth Harrows ever made.

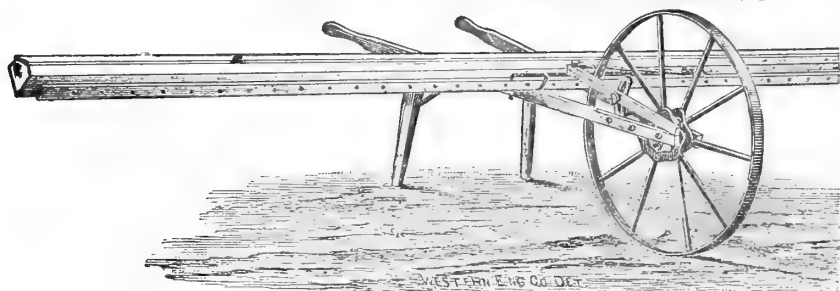


Rear view of "Steel King," also showing method of setting the teeth to make either a *High Frame* or a *Low Frame* at pleasure. This Harrow has no "Clips," "Curved Seats," "Tooth Fasteners," nor "Traps" of any kind, but is a thoroughly practical, common sense, every day and every year harrow, having its teeth attached *directly* between opposing sides of the frame and held in any desired position by the ribs of the *Channel Steel Frame*, and having more adjustments, and those more easily made, than *any other Harrow in the world*. You must see and use it in order to appreciate its good points. Price, moderate.



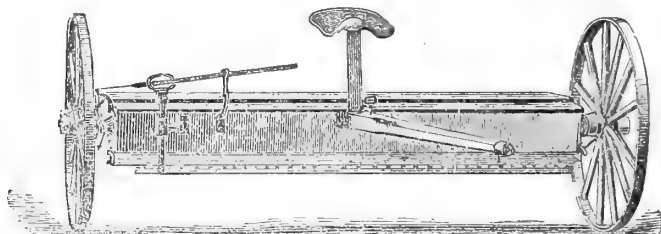
Cultivator all Steel Frame and Teeth. They combine all the desirable points in any cultivator made: over One Hundred sold in this county last season and not one complaint. We expect to double our sales this season. **Retail price, all combined. \$6.00.** "A liberal discount to the trade."

WHEELBARROW SEEDERS.



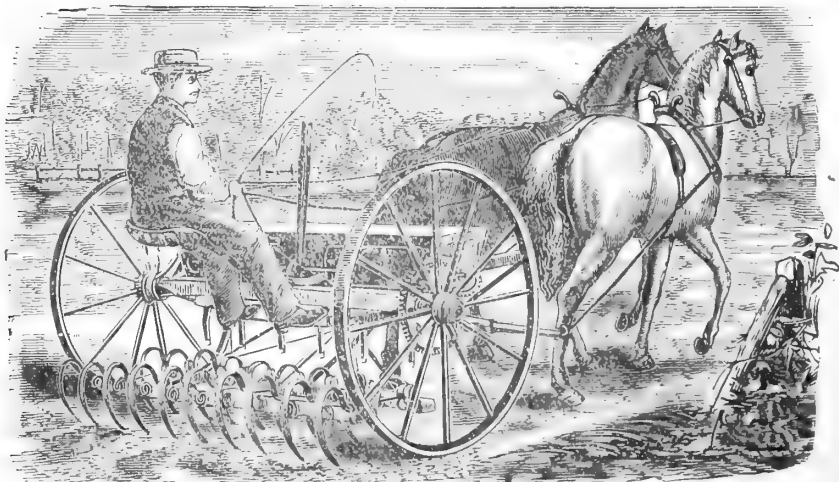
With Rubber, Wire, or Twine Distributers. With Wooden or Iron Wheels.
They can be worked by anyone who can run a wheelbarrow.
 Price \$6.00 to \$8.00 each. We are Agents for this County.

PLASTER SOWER.



This machine will sow Guano, Bone Dust, Plaster, Ashes, Salt, Lime and all Fertilizers, any quantity per acre desired, at the rate of from 25 to 30 acres per day. It is not designed to sow grain. Price on Cars, \$40.

Mann's Broadcast Seeder and Harrow, or Cultivator Combined.



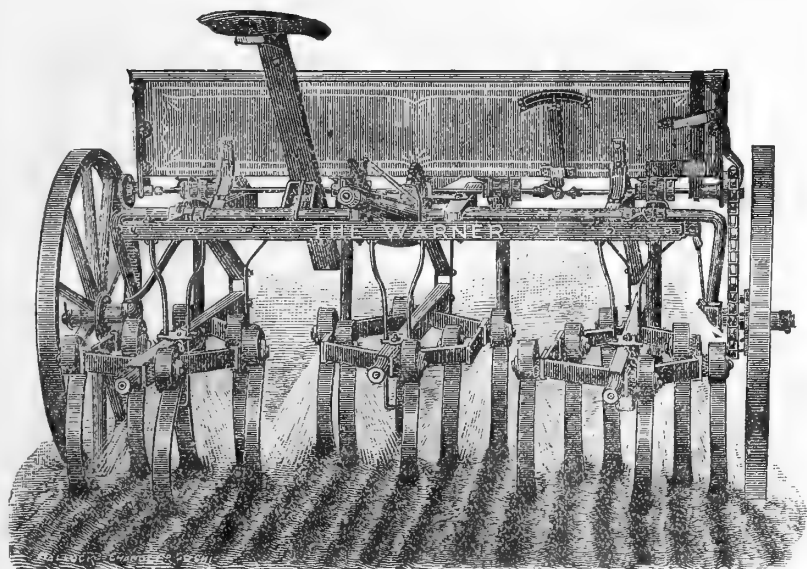
Completes the work in once passing over the ground, sows over 7 ft. in width and perfectly. [Send for descriptive circular, and don't buy any Seed Drill until you try this.

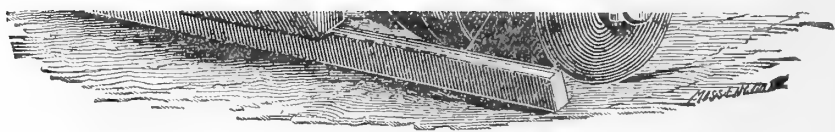
A. D. PERRY & CO., 217 Warren Street, Syracuse, N. Y.

The above cut represents the Evans Triple Harrow, which is built in three sections, so that each works independent of the others. It is entirely different from any harrow on the market, and has striking points of superiority which are covered by letters patent, owned and used exclusively by us. The frame is made of wrought-iron, and the beams of the best Ohio White Oak, which are bolted to the frame without being mortised, making a strong and more durable harrow than if entirely of iron. It is so hinged that the draft of the team causes it to hug the ground, making it a complete pulverizer, the teeth at the same time stirring the soil, while the beams, drawn at an angle of forty-five degrees, leave it smooth and ready for sowing. A special feature of the harrow is our lever attachment, by means of which each section can easily be raised clear off the ground and the harrow cleaned of weeds or stalks, and passed over stumps, stones, etc., without stopping the team. It has forty-five steel teeth. Cuts eight feet wide, and is undoubtedly the most practical harrow in use. The two steel bands you notice on the top, when folded, form runners under, lifting the teeth from the ground, so that it can be drawn from one place to another with ease, requiring no wagon or stoneboat, and a boy ten years old can handle it with ease. **Price, all complete, \$14.00.**

THE WARNER.

COMBINED.

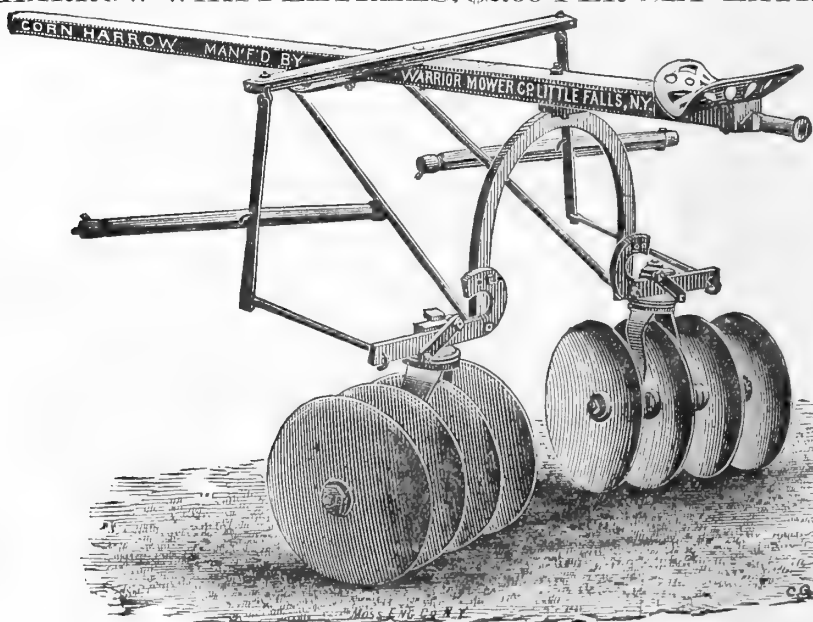




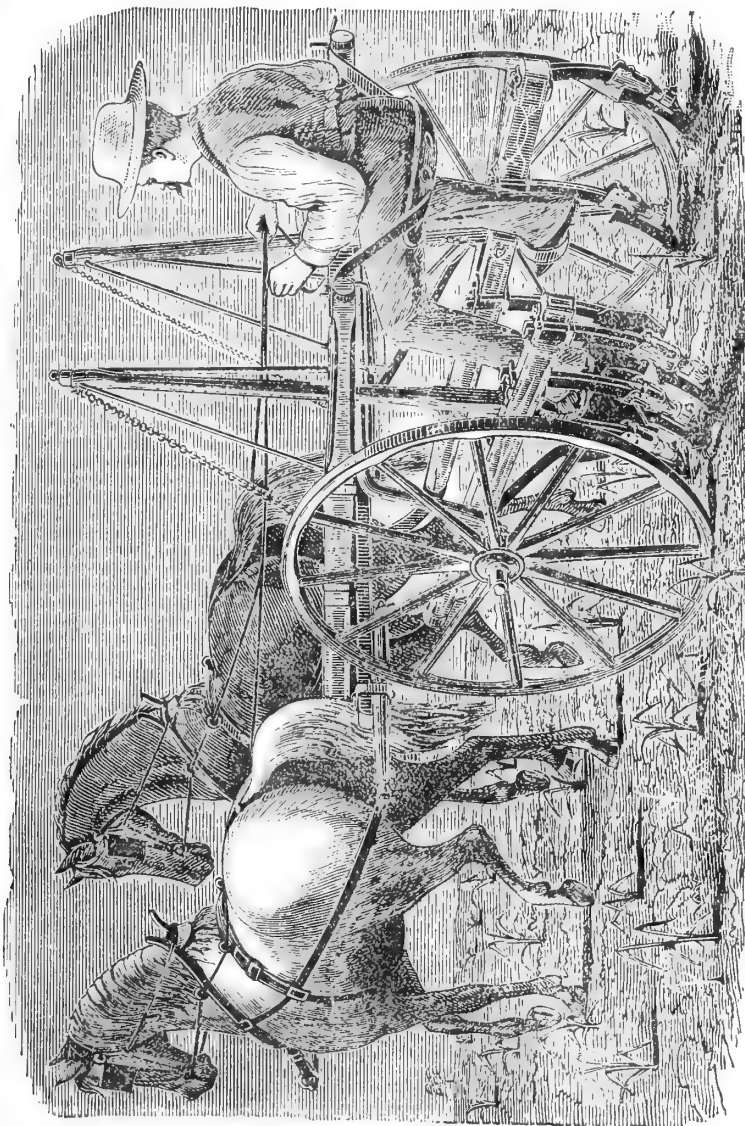
ADJUSTED TO THROW THE SOIL TOWARDS THE CENTER.

	Width of Cut.	No. of Disks.	Size of Disks.	
No. 3 Harrow.....	6 ft.....	12 Cast.....	13 in.....	\$16
" 6 ".....	6 ft.....	12 steel.....	13 in.....	18
" 7 ".....	6 ft.....	12 ".....	16 in.....	24
" 8 ".....	8 ft.....	16 ".....	16 in.....	27
" 9 ".....	10 ft.....	20 ".....	16 in.....	35
" 3 Riding Cultivator.....		6 ".....	13 in.....	12
" 4 ".....		8 ".....	13 in.....	14
" 5 ".....		6 ".....	16 in.....	16
" 6 ".....		8 ".....	16 in.....	18

HARROW WHIFFLETREES, \$2.00 PER SET EXTRA.



FREMONT Riding and Walking Cultivator.



Works perfectly in Corn, Beans, etc. By placing in the center an extra tooth it makes a perfect land cultivator. Each tooth is provided with a wooden safety-pin, to prevent breakage in case the cultivator comes in contact with any hard substance.
EVERY CULTIVATOR SOLD ON ITS MERITS. \$25.00 EACH, OR WITH CENTER TOOTH, \$30.00.

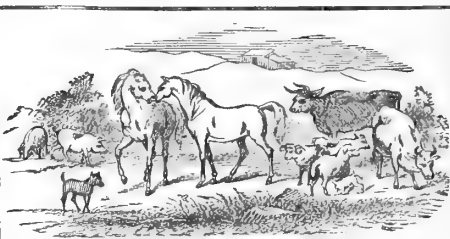
**Sold by A. D. PERRY & CO., Seedsmen,
 217 WARREN STREET, SYRACUSE, N. Y.**

HAVENS' CLIMAX CONDITION POWDER,

The Only Positive Preventive and Cure for Gapes and Poultry Cholera,
AND THE BEST MEDICINE FOR
HORSES, CATTLE, POULTRY, SHEEP AND HOGS.



BEFORE USING.



AFTER USING.

GAPES

One package of HAVENS' CLIMAX CONDITION POWDER saved for me a flock of Wyandotte chicks worth twenty-five dollars. L. C. WILLIAMS, Postmaster, Middlesex, Yates Co., N. Y., and member of the Board of Supervisors of Yates Co.

I lost over one hundred dollars worth of chickens and turkeys by cholera last winter. In a very few days after beginning to use HAVENS' CLIMAX CONDITION POWDER the disease disappeared. I believe if I had

FOWL-CHOLERA

not used it I would have lost every fowl I had.

JOHN SPERLING, New Brunswick, N. J.

ROUP

I had a very fine black Cochon with Roup in its worst form. I was advised by a fancier to cut off his head, but the next day I began to experiment on him with HAVENS' CLIMAX CONDITION POWDER. I gave him about one teaspoonful three times a day, and to my great surprise he began to improve, and got entirely well. He had it so bad that he lost the cils of one eye. It was a permanent cure.

P. V. THOMPSON, Freehold, N. J.

NOTE.—We do not claim to cure Heaves, but the following, from a farmer neighbor, shows that heavy horses can be made very serviceable:

I had a horse with the Heaves so bad that if I had not needed to use him very much I would have wished him to die. Your HAVENS' CLIMAX CONDITION POWDER was recommended to me for him, and although I gave him only part of a package he works now as well as ever. His appetite is good, and I use him now for plowing and driving. He is as useful now as he ever was.

HEAVES

WM. H. PLUMLEY, East New Brunswick, N. J.

WORMS IN HORSES

'One of our friends has given HAVENS' CLIMAX CONDITION POWDER to turkeys with excellent success. The pamphlet is filled with testimonials from reliable men.'—Editor *Rural New Yorker*, April 3, 1886, page 225.

"I am well acquainted with the manufacturers, and also with many of those who testify to HAVENS' CLIMAX CONDITION POWDER, and know them to be men of the best standing and reputation."

WM. S. STRONG, Mayor New Brunswick, N. J. (CITY SEAL.)

HAVENS' CLIMAX CONDITION POWDER is warranted to be free from antimony, arsenic, alum, rosin, salt, etc., and all harmful ingredients. It is entirely unlike any other preparation. It is not a feed, but an honest medicine at an honest price. Try it once and you will always use it.

LIBERAL PACKAGES, - - - 25 CENTS.

If by mail add 15 cents for postage.

Send for a free pamphlet.

RUST'S EGG
PRODUCER

Makes Hens Lay!

RUSTS' EGG PRODUCER supplies those substances, which, when assimilated by fowls, produce

EGGS, GROWTH AND DEVELOPMENT.

It contains the elements of eggs, and therefore makes hens and tardy pullets lay exactly as certain foods produce milk in cows or fertilizers increase crops.

Although at half the usual price, it is not too cheap to be the best "Hen Persuader," or Egg Food known. It is so excellent in quality, and so moderate in price, that everybody keeping fowls should use it in summer and winter.

It makes egg-producing a profitable pursuit. Full directions on each package.

PRICES:—1 lb. package, 25 cents; 2½ lb. box, 50 cents; 6 lb. box, \$1.00;
10 lb. box, \$1.50; 25 lb. keg, \$3.25.

If by mail, add 16 cents per pound for postage.

For ROUP, CATARRH, COLDS AND DISTEMPER.
They entirely cured my fowls of Roup.—Abram Wolfe, Lebanon, N. J.
HAVENS' ROUP PILLS are simply wonderful.—C. Truex, harness dealer, Freehold, N. J.
I found them a perfect success in Roup.—Peter H. Quackenbush, Manalapan, N. J.

Price 25 cents per box; sent by mail, prepaid, upon receipt of price.

A. D. PERRY & CO.





TRADE MARK.

HAMMOND'S SLUG SHOT KILLS BUGS!



At the present time, with the general cultivation of plants of all sorts, the food supply for insects is common, and insect life, like animal life, propagates and rears its species most numerous when the food supply is abundant.

The danger from insects is their multitude and quickness of propagation. New generations are continually produced within a very short space of time, and each generation must be fed, which, if done, ensures destruction to vegetation.

Hammond's Slug Shot is an insecticide for general purposes. After ten years use it can safely be said is not equalled by any article or preparation for either efficiency, safety or economy.

Slug Shot Kills Potatoe Bugs safely and speedily.

Slug Shot Kills Worms on both Gooseberry and Currant bushes—it is cheaper than Hellebore and safe.

Slug Shot Kills the Slugs and Lice on Roses and other flowers, does it better than Tobacco or Sulphur and is cheaper.

Slug Shot kills the flying insects that devour Turnips, Radishes Young Cabbage plants and such like vegetables.

Slug Shot will protect Cucumbers, Melons Squash &c far better than lime, tobacco dust or anything else you can get.

Slug shot Kills Cabbage Worms also those on Tomatoes, Tobacco, Cotton &c

Slug Shot prevents damage by Curculio.

For full information and testimonials from all sections of the United States, send for the pamphlet: **"Fighting Insects in the Garden."**

Slug Shot is put up in tin canisters, 25 cents; also in 5 and 10 lb. bags, and in flour bbls. loose, that contain 235 lbs. It is applied by duster or bellows, see cut.



Gallon Dusters.

1/2 Gal. Duster.

Canister.

USEFUL IMPLEMENTS IN
APPLYING SLUG SHOT.



Hammond's Scrofularia Powder,

For the protection of Carpets and other similar goods against the ravages of the **Carpet Beetle, or so-called Buffalo Moth.** This powder is a pungent, odoriferous preparation of the most effective character, when used against these destructive insects, whether in Carpets, Stuffed Furniture, Blankets, Furs, Clothing, Stuffed Animals or Skins. Wherever moth life is found Scrofularia Powder is effective. Likewise for use against Bed Bugs, Roaches, and other insects of this class.

Apply **Scrofularia Powder** by putting under Carpets, whether along the edges or all over the floor. Dust it over Furs. For Woolens packed away in chests, sprinkle it on the bottom of the box and lightly among the layers. For bed Bugs or Roaches blow into the crevices. Put up in Packages at 25c., 50c., and \$1 00.



MILDEW AND ROT.

Ho general have the Diseases known as Mildew, Rot and Blight become, that a special division in the United States Department of Agriculture has been created to consider these troubles, which attack *Grapes, Potatoes, Gooseberries, Roses, Blackberries, Raspberries, Strawberries, Tomatoes, Apples, Beets, Cherries, Peaches, Plums, Cotton, Beans, &c.*, in some shape or other, and doing at times enormous damage.

To combat these diseases we offer a thoroughly reliable preparation.

GRAPE DUST,

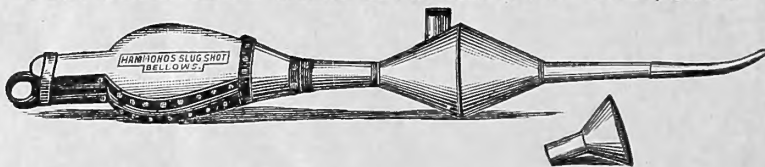
A POWDER.

For two years this preparation has been used *successfully* over all degrees of latitude, embracing the zones of Canada and Florida. This powder is superior to liquid remedies, being more easily handled and applied; however, the success in the use of **Grape Dust** depends more or less on the intelligent manner in which it is used, and atmospheric conditions following its use aid or retard its effectiveness and necessitate few or more applications.

The *Application of Grape Dust is Simple and Safe.*—By using a bellows it is spread in a cloud of fine dust, settling over Fruit and Leaves and Stems. Whether on Grapes in the Conservatory, or in the Vineyard, or in long stretches of Vineyard Trellis, where Rot is doing its deadly work, a careful man can take any good bellows—inserting the nozzle among the leaves, with a puff of two covering lightly the fruit. A few pounds go over a great surface, for it is very diffusive, and it destroys or drives off various insects on plants.

Price, 5 lb. package 40c.; 10 lb. package 75c.; 100 lb. Keg. \$6.00.

THE COMPLETE GARDEN BELLOWS: Price, \$1.50



This implement is for use among roses, shrubs and small trees. It is strongly and neatly made, substantial in all its parts. The tubes are sectional. You can get under the leaves, over the leaves, or sideways. You can reach the spot every time, sending the Slug Shot or Grape Dust just where it will do the most good, without waste or unnecessary dust or dirt.

HAMMOND'S THRIPP JUICE

REGISTERED.

A Concentrated Liquid Insecticide for use on Plants, Trees, Shrubs, &c.

To be Diluted with 200 Times its Bulk of Water.

This article is a concentrated Insecticide in liquid form, affecting with great surety the whole tribe of leaf destroying insects, caterpillars, lice and worms on either fruit or ornamental trees.

Application and advantages.—It can be showered over plants of any size, from the in-door plants to the wide-spreading Elm.

Thripp Juice has this advantage that when added to water it is at once assimilated throughout the volume, it is not in suspension to settle if not stirred, its *strength is consequently uniform throughout*, and its effect reliable.

The vessel in which it is used will not contain a sediment of deadly poison to be accidentally mixed up.

1½ Pints 25c.; Pint Cans, 35c.; Quarts, 60c.; Gallons, \$1.50.; 5 Gallons 1.25 per Gall.; Bbls 1.00 per Gallon.

POULTRY SUPPLIES.

PRICE LIST.

BEEF SCRAPS.

Ground	\$3.50 per 100 pound
In Cakes.....	2.00 "

CRUSHED OYSTER SHELLS AND SEA SHELLS.

50 lb. sacks	\$ 75
100 lb. bags.....	1 40
200 lb. bags.....	2 50
350 lb. barrel.....	3 50

BONE MEAL.

30 lbs., sacks included.....	1 00
60 lbs., bags	2 00
100 lbs., bags	3 00
In barrel lots.....	2½ c per lb.

GRANULATED BONE.

30 lbs., sacks included.....	1 00
60 lbs., bags	2 00
100 lbs., bags	3 00
In barrel lots.....	2½ c. per lb.

IMPERIAL EGG FOOD.

1 pound.....	50
2½ "	90
6 "	1 50
10 "	2 40

EGG AND CATTLE FOOD.

Prolific Egg Food, 1 lb. package.....	25 cents.
Marsden's Egg Food, 2 lb. package.	25 "
Boss Egg Food, 1 lb. package.....	10 "
Medicated Nest Eggs, per dozen.....	35 "
China Nest Eggs, per dozen.....	30 "
Poultry Netting, all sizes, per sq ft.....	1 "
Marsden's Cattle Food (a superior food of our own manufacture), 10 lb pkg.	\$1 00
Haven's Roup Pills, per box.....	25 cents.

BIRD SEED, ETC.

Canary, Rape, Maw Seed, Washed Bird Gravel, Hemp, Millet, Cuttle Bone, Mocking Bird Food.

Our Bone Meal and Crushed Shells are expressly manufactured for fowls from superior stock, pure and sweet. Our bird seeds, etc., are pure, fresh and of excellent quality. We guarantee satisfaction as to quality of goods.

Bags.....	20c. each.
Sacks.....	10c. each.

Orders promptly filled and all communications cheerfully answered. Samples and prices sent on application. Our illustrated catalogue of seeds, implements and machinery sent free to any address. Terms Cash.

The Space for Hens.

To put it at 6 square feet of room (3 feet by 2 feet) for each one, in which to roost and exercise, will be not far from right.

For a Bracing Tonic in Winter

And one that will in a measure guard against roup, it is only necessary to add to the water a few drops of a solution of sulphate of iron (green vitriol) to give it a slight mineral taste. The water will assume a rusty appearance, but this is quite immaterial.

It's a Hen's Natural Business to Lay Eggs

And a good many of them; if she does not it is because nature is hindered. Now in nature hens get much green food, insect food and some meat, and if we would have them at their best for laying when eggs are high priced, then we must see to it that this part of the diet is all right.

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Prevents Roup, Gapes and Cholera. It has no Equal for Moulting Fowls.

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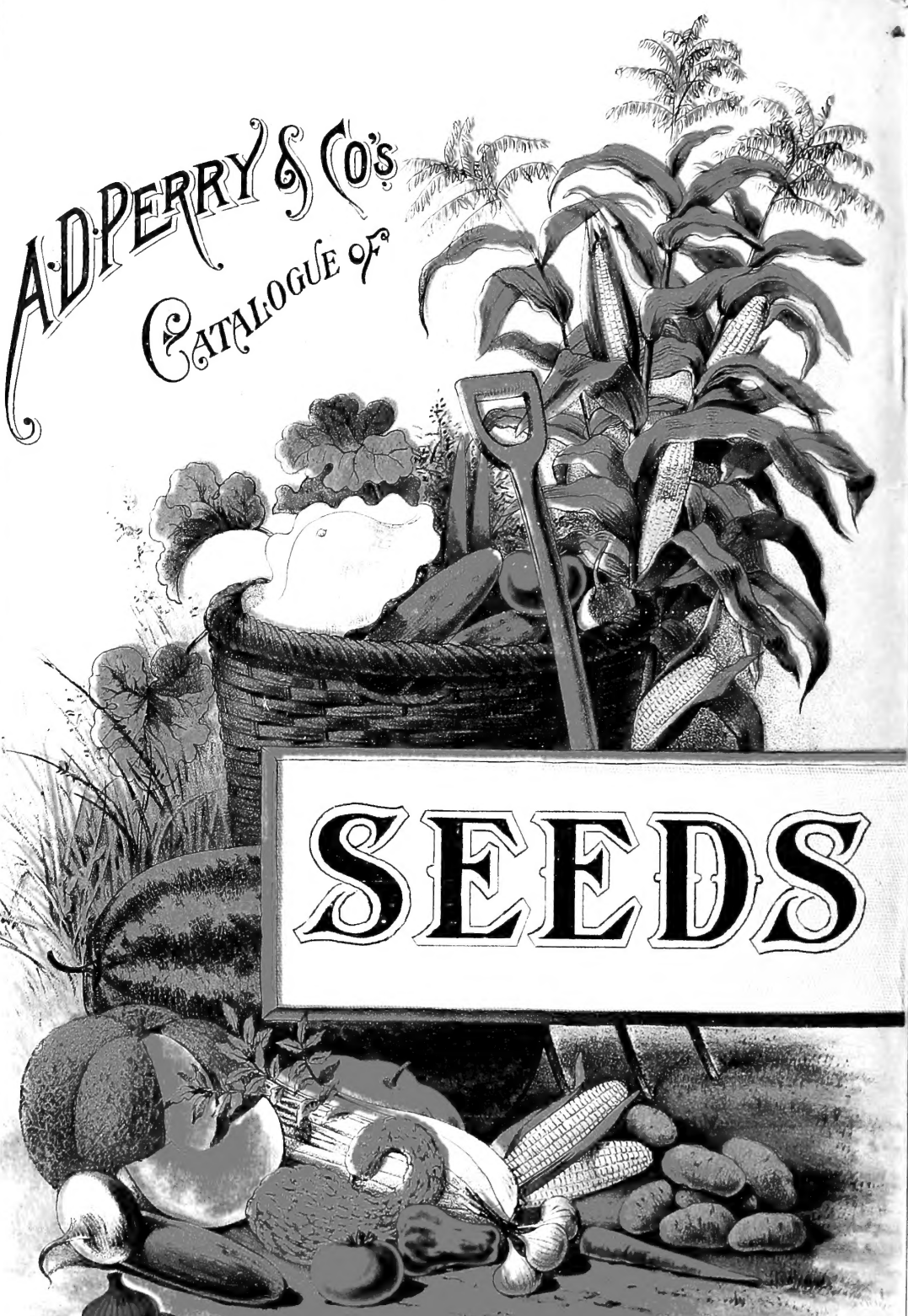
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